

UDI	Product ID	Type	Air temperature [°C]	Process temperature [°C]	Rotational speed [rpm]	Torque [Nm]	Tool wear [min]	Target	Failure Type	
1	M14860	M	298.1	308.6	1551	42.8	0	0	No Failure	
2	L47181	L	298.2	308.7	1408	46.3	3	0	No Failure	
3	L47182	L	298.1	308.5	1498	49.4	5	0	No Failure	
4	L47183	L	298.2	308.6	1433	39.5	7	0	No Failure	
5	L47184	L	298.2	308.7	1408	40	9	0	No Failure	
6	M14865	M	298.1	308.6	1425	41.9	11	0	No Failure	
7	L47186	L	298.1	308.6	1558	42.4	14	0	No Failure	
8	L47187	L	298.1	308.6	1527	40.2	16	0	No Failure	
9	M14868	M	298.3	308.7	1667	28.6	18	0	No Failure	
10	M14869	M	298.5	309	1741	28	21	0	No Failure	
11	H29424	H	298.4	308.9	1782	23.9	24	0	No Failure	
12	H29425	H	298.6	309.1	1423	44.3	29	0	No Failure	
13	M14872	M	298.6	309.1	1339	51.1	34	0	No Failure	
14	M14873	M	298.6	309.2	1742	30	37	0	No Failure	
15	L47194	L	298.6	309.2	2035	19.6	40	0	No Failure	
16	L47195	L	298.6	309.2	1542	48.4	42	0	No Failure	
17	M14876	M	298.6	309.2	1311	46.6	44	0	No Failure	
18	M14877	M	298.7	309.2	1410	45.6	47	0	No Failure	
19	H29432	H	298.8	309.2	1306	54.5	50	0	No Failure	
20	M14879	M	298.9	309.3	1632	32.5	55	0	No Failure	
21	H29434	H	298.9	309.3	1375	42.7	58	0	No Failure	
22	L47201	L	298.8	309.3	1450	44.8	63	0	No Failure	
23	M14882	M	298.9	309.3	1581	30.7	65	0	No Failure	
24	L47203	L	299	309.4	1758	25.7	68	0	No Failure	
25	M14884	M	299	309.4	1561	37.3	70	0	No Failure	
26	L47205	L	299	309.5	1861	23.3	73	0	No Failure	
27	L47206	L	299.1	309.5	1512	39	75	0	No Failure	
28	H29441	H	299.1	309.4	1811	24.6	77	0	No Failure	
29	L47208	L	299.1	309.4	1439	44.2	82	0	No Failure	
30	L47209	L	299	309.4	1693	30.1	84	0	No Failure	
31	M14890	M	299.1	309.5	1339	48.2	86	0	No Failure	
32	L47211	L	299	309.4	1798	25.5	89	0	No Failure	
33	L47212	L	299	309.4	1419	48.3	91	0	No Failure	
34	L47213	L	298.9	309.3	1665	32.5	93	0	No Failure	
35	M14894	M	298.8	309.1	1559	34.7	95	0	No Failure	
36	M14895	M	298.8	309.2	1452	48.6	98	0	No Failure	
37	M14896	M	298.9	309.2	1581	36.7	101	0	No Failure	

38	L47217	L	298.8	309.1	1439	39.2	104	0	No Failure	
39	H29452	H	298.9	309.2	1379	50.7	106	0	No Failure	
40	L47219	L	298.8	309.1	1350	52.5	111	0	No Failure	
41	L47220	L	298.8	309.1	1362	45.4	113	0	No Failure	
42	L47221	L	298.8	309.1	1368	50.8	115	0	No Failure	
43	M14902	M	298.8	309.1	1368	49.1	117	0	No Failure	
44	H29457	H	298.8	309.2	1372	48.5	120	0	No Failure	
45	M14904	M	298.8	309.1	1472	47.5	125	0	No Failure	
46	L47225	L	298.8	309.1	1489	49.1	128	0	No Failure	
47	M14906	M	298.7	309	1843	25.8	130	0	No Failure	
48	L47227	L	298.8	309.1	1418	46.3	133	0	No Failure	
49	H29462	H	298.8	309.2	1425	53.9	135	0	No Failure	
50	M14909	M	298.9	309.2	1412	44.1	140	0	No Failure	
51	L47230	L	298.9	309.1	2861	4.6	143	1	Power Failure	
52	L47231	L	298.9	309.1	1383	54.9	145	0	No Failure	
53	H29466	H	298.8	309	1497	43.8	147	0	No Failure	
54	L47233	L	298.7	309	1565	35.1	152	0	No Failure	
55	L47234	L	298.7	309	1691	30.1	154	0	No Failure	
56	L47235	L	298.8	309.1	1512	40.7	156	0	No Failure	
57	L47236	L	298.8	309.1	1477	42.4	158	0	No Failure	
58	L47237	L	298.8	309.1	1513	40.3	160	0	No Failure	
59	M14918	M	298.8	309	1661	29.5	162	0	No Failure	
60	L47239	L	298.8	309.1	1378	54.4	165	0	No Failure	
61	L47240	L	298.8	309.1	1393	52.6	167	0	No Failure	
62	M14921	M	298.8	309	1592	38.2	169	0	No Failure	
63	L47242	L	298.8	309	1829	22.9	172	0	No Failure	
64	M14923	M	298.9	309	1812	25.9	174	0	No Failure	
65	L47244	L	299	309.1	1523	38.6	177	0	No Failure	
66	L47245	L	299	309.1	1394	45.1	179	0	No Failure	
67	M14926	M	298.9	308.9	1679	28.7	181	0	No Failure	
68	H29481	H	298.8	308.9	1466	44.1	184	0	No Failure	
69	L47248	L	298.8	308.9	1527	32.4	189	0	No Failure	
70	L47249	L	298.9	309	1410	65.7	191	1	Power Failure	
71	M14930	M	298.9	309	1924	22.6	193	0	No Failure	
72	L47251	L	298.9	309.1	1452	45.5	196	0	No Failure	
73	L47252	L	298.9	309.1	1369	44.4	198	0	No Failure	
74	L47253	L	299	309.1	1592	35	200	0	No Failure	
75	L47254	L	298.9	309	1601	32.3	202	0	No Failure	

76	L47255	L	298.8	308.9	1379	46.7	204	0	No Failure	
77	L47256	L	298.8	308.9	1461	47.9	206	0	No Failure	
78	L47257	L	298.8	308.9	1455	41.3	208	1	Tool Wear Failure	
79	L47258	L	298.8	308.9	1398	51.5	0	0	No Failure	
80	L47259	L	298.8	308.9	1402	37.9	2	0	No Failure	
81	H29494	H	298.8	308.8	1445	49.9	4	0	No Failure	
82	L47261	L	298.9	308.9	1450	47.5	9	0	No Failure	
83	L47262	L	298.9	308.9	1453	40.8	11	0	No Failure	
84	L47263	L	299	309	1469	40.1	13	0	No Failure	
85	L47264	L	298.9	308.9	1422	47.6	15	0	No Failure	
86	M14945	M	299	309	1804	26.8	17	0	No Failure	
87	H29500	H	299	309	1436	43.9	20	0	No Failure	
88	L47267	L	299	309	1544	31.8	25	0	No Failure	
89	M14948	M	299	309	1419	45.2	27	0	No Failure	
90	M14949	M	298.9	308.9	1487	39.5	30	0	No Failure	
91	L47270	L	298.9	308.9	1753	25.8	33	0	No Failure	
92	L47271	L	298.9	308.9	1830	24.9	35	0	No Failure	
93	M14952	M	298.9	308.9	1727	27.1	37	0	No Failure	
94	L47273	L	299.1	309	1450	43	40	0	No Failure	
95	L47274	L	299	308.9	1622	31.9	42	0	No Failure	
96	M14955	M	299	309	1351	52.2	44	0	No Failure	
97	M14956	M	299	309	1575	35.3	47	0	No Failure	
98	M14957	M	298.9	308.9	1750	29.9	50	0	No Failure	
99	L47278	L	298.9	308.8	1529	32.7	53	0	No Failure	
100	L47279	L	298.8	308.8	1523	44.4	55	0	No Failure	
101	L47280	L	298.8	308.9	1852	25	57	0	No Failure	
102	L47281	L	298.8	308.8	1991	20.7	59	0	No Failure	
103	L47282	L	298.8	308.8	1555	40.6	61	0	No Failure	
104	M14963	M	298.8	308.8	1441	40.5	63	0	No Failure	
105	L47284	L	298.8	308.7	1450	43.4	66	0	No Failure	
106	L47285	L	298.8	308.7	1591	31.1	68	0	No Failure	
107	L47286	L	298.8	308.7	1445	48.5	70	0	No Failure	
108	M14967	M	298.8	308.8	1497	46.8	72	0	No Failure	
109	H29522	H	298.9	308.8	1621	32.7	75	0	No Failure	
110	L47289	L	298.9	308.7	1572	34.1	80	0	No Failure	
111	L47290	L	298.8	308.6	1872	22.5	82	0	No Failure	
112	H29525	H	298.7	308.6	1499	43.5	84	0	No Failure	
113	M14972	M	298.8	308.7	1498	39.5	89	0	No Failure	

114	M14973	M	298.8	308.6	1486	41.9	92	0	No Failure	
115	L47294	L	298.8	308.6	1680	29.4	95	0	No Failure	
116	L47295	L	298.8	308.6	1431	45.7	97	0	No Failure	
117	L47296	L	298.9	308.7	1564	34.1	99	0	No Failure	
118	L47297	L	298.8	308.6	1599	33	101	0	No Failure	
119	M14978	M	298.8	308.6	1707	28.1	103	0	No Failure	
120	L47299	L	298.7	308.5	1467	40.7	106	0	No Failure	
121	L47300	L	298.9	308.7	1433	44.7	108	0	No Failure	
122	L47301	L	298.9	308.7	1558	41.2	110	0	No Failure	
123	L47302	L	299	308.8	1310	50.7	112	0	No Failure	
124	L47303	L	298.9	308.7	1546	43.4	114	0	No Failure	
125	L47304	L	298.9	308.7	1727	29.4	116	0	No Failure	
126	L47305	L	298.9	308.6	1560	32.2	118	0	No Failure	
127	L47306	L	299	308.6	1329	60.5	120	0	No Failure	
128	L47307	L	298.9	308.6	1413	46.5	122	0	No Failure	
129	L47308	L	299	308.6	1587	38.6	124	0	No Failure	
130	L47309	L	298.9	308.5	1559	34.3	126	0	No Failure	
131	L47310	L	298.8	308.4	1473	41.1	128	0	No Failure	
132	L47311	L	298.8	308.4	1737	27.7	130	0	No Failure	
133	M14992	M	298.7	308.4	1441	43.2	132	0	No Failure	
134	M14993	M	298.7	308.4	1430	49.6	135	0	No Failure	
135	L47314	L	298.8	308.4	1369	53	138	0	No Failure	
136	M14995	M	298.8	308.5	1711	28.5	140	0	No Failure	
137	H29550	H	298.7	308.5	1420	45.7	143	0	No Failure	
138	L47317	L	298.7	308.6	1297	55.3	148	0	No Failure	
139	H29552	H	298.8	308.6	1449	49.4	150	0	No Failure	
140	L47319	L	298.8	308.6	1268	55.8	155	0	No Failure	
141	L47320	L	298.8	308.6	1511	36.1	157	0	No Failure	
142	L47321	L	298.7	308.5	1544	35.2	159	0	No Failure	
143	M15002	M	298.6	308.4	1778	28.2	161	0	No Failure	
144	H29557	H	298.6	308.4	1407	50.5	164	0	No Failure	
145	M15004	M	298.6	308.4	1391	42.4	169	0	No Failure	
146	L47325	L	298.5	308.4	1513	33.6	172	0	No Failure	
147	H29560	H	298.5	308.4	1612	36.1	174	0	No Failure	
148	L47327	L	298.4	308.4	1515	40.1	179	0	No Failure	
149	M15008	M	298.3	308.3	1379	48	181	0	No Failure	
150	L47329	L	298.4	308.3	1473	39.9	184	0	No Failure	
151	L47330	L	298.4	308.3	1422	42.7	186	0	No Failure	

152	M15011	M	298.4	308.2	1463	37.6	188	0	No Failure	
153	M15012	M	298.4	308.2	1584	41	191	0	No Failure	
154	L47333	L	298.4	308.2	1850	27	194	0	No Failure	
155	L47334	L	298.4	308.2	1528	36.2	196	0	No Failure	
156	H29569	H	298.4	308.2	1987	19.8	198	0	No Failure	
157	M15016	M	298.4	308.1	1495	46	203	0	No Failure	
158	H29571	H	298.4	308.2	1478	43.5	206	0	No Failure	
159	M15018	M	298.4	308.2	1499	40	211	0	No Failure	
160	L47339	L	298.4	308.2	1471	47	214	0	No Failure	
161	L47340	L	298.4	308.2	1282	60.7	216	1	Overstrain Failure	
162	L47341	L	298.3	308.1	1412	52.3	218	1	Overstrain Failure	
163	L47342	L	298.3	308.1	1586	35.5	0	0	No Failure	
164	M15023	M	298.4	308.2	1468	43.8	2	0	No Failure	
165	M15024	M	298.5	308.3	1440	43.6	5	0	No Failure	
166	L47345	L	298.5	308.4	1733	26	8	0	No Failure	
167	H29580	H	298.4	308.2	1612	32.6	10	0	No Failure	
168	H29581	H	298.4	308.3	1458	42.9	15	0	No Failure	
169	L47348	L	298.4	308.3	1433	62.3	20	1	Power Failure	
170	L47349	L	298.4	308.3	1318	59.1	22	0	No Failure	
171	M15030	M	298.4	308.2	1610	35	24	0	No Failure	
172	L47351	L	298.2	308.1	1462	50.8	27	0	No Failure	
173	M15032	M	298.1	308	1924	20.8	29	0	No Failure	
174	M15033	M	298.2	308	1591	33.7	32	0	No Failure	
175	L47354	L	298.2	308.1	1306	58.3	35	0	No Failure	
176	L47355	L	298.2	308.1	1382	43.5	37	0	No Failure	
177	L47356	L	298.2	308.1	1618	34.7	39	0	No Failure	
178	L47357	L	298.2	308.2	1988	21.4	41	0	No Failure	
179	L47358	L	298.2	308.2	1436	50.2	43	0	No Failure	
180	L47359	L	298.2	308.3	1304	49.8	45	0	No Failure	
181	L47360	L	298.2	308.3	1475	49.9	47	0	No Failure	
182	H29595	H	298.2	308.3	1824	24.2	49	0	No Failure	
183	M15042	M	298.1	308.2	1342	48.1	54	0	No Failure	
184	L47363	L	298.1	308.2	1485	40.7	57	0	No Failure	
185	L47364	L	298.2	308.2	1667	30.6	59	0	No Failure	
186	L47365	L	298.2	308.2	1446	38.2	61	0	No Failure	
187	L47366	L	298.1	308.3	1301	56	63	0	No Failure	
188	L47367	L	298.2	308.4	1379	43.1	65	0	No Failure	
189	L47368	L	298.3	308.5	1606	33.6	67	0	No Failure	

190	M15049	M	298.3	308.4	1539	43.4	69	0	No Failure	
191	L47370	L	298.2	308.4	1477	49.9	72	0	No Failure	
192	L47371	L	298.2	308.4	1666	34.6	74	0	No Failure	
193	H29606	H	298.2	308.4	1398	51.8	76	0	No Failure	
194	H29607	H	298.2	308.4	1678	34.6	81	0	No Failure	
195	M15054	M	298.2	308.5	2678	10.7	86	1	Power Failure	
196	L47375	L	298.3	308.5	1453	42.9	89	0	No Failure	
197	H29610	H	298.3	308.6	1432	49.5	91	0	No Failure	
198	M15057	M	298.4	308.6	1527	40.9	96	0	No Failure	
199	L47378	L	298.4	308.7	1588	35	99	0	No Failure	
200	L47379	L	298.4	308.6	1433	47.1	101	0	No Failure	
201	L47380	L	298.4	308.6	1609	35	103	0	No Failure	
202	L47381	L	298.3	308.5	1575	41.2	105	0	No Failure	
203	M15062	M	298.4	308.5	1636	35.7	107	0	No Failure	
204	L47383	L	298.4	308.5	1490	37.9	110	0	No Failure	
205	L47384	L	298.4	308.5	1741	32.8	112	0	No Failure	
206	M15065	M	298.5	308.6	1344	53	114	0	No Failure	
207	L47386	L	298.5	308.7	1609	35.3	117	0	No Failure	
208	M15067	M	298.4	308.7	1421	60.7	119	1	Power Failure	
209	L47388	L	298.4	308.6	1591	36.7	122	0	No Failure	
210	L47389	L	298.4	308.6	1477	44	124	0	No Failure	
211	L47390	L	298.4	308.7	1523	36.1	126	0	No Failure	
212	L47391	L	298.5	308.7	1575	33.9	128	0	No Failure	
213	H29626	H	298.4	308.7	1344	52.9	130	0	No Failure	
214	L47393	L	298.4	308.7	1386	44.9	135	0	No Failure	
215	M15074	M	298.3	308.6	1589	37.1	137	0	No Failure	
216	L47395	L	298.3	308.6	1548	40.3	140	0	No Failure	
217	L47396	L	298.3	308.6	1499	38.3	142	0	No Failure	
218	L47397	L	298.3	308.5	1664	31.6	144	0	No Failure	
219	L47398	L	298.3	308.6	1447	38.1	146	0	No Failure	
220	M15079	M	298.3	308.5	1434	46.2	148	0	No Failure	
221	L47400	L	298.3	308.5	1416	52.7	151	0	No Failure	
222	H29635	H	298.4	308.5	1827	24.3	153	0	No Failure	
223	L47402	L	298.4	308.6	1304	45	158	0	No Failure	
224	L47403	L	298.4	308.6	1569	34.4	160	0	No Failure	
225	L47404	L	298.3	308.6	1584	29.3	162	0	No Failure	
226	L47405	L	298.3	308.5	1362	53.8	164	0	No Failure	
227	L47406	L	298.3	308.4	1329	49.2	166	0	No Failure	

228	L47407	L	298.3	308.5	1539	36.1	168	0	No Failure	
229	M15088	M	298.3	308.5	1629	37.1	170	0	No Failure	
230	L47409	L	298.3	308.5	1538	32.2	173	0	No Failure	
231	L47410	L	298.3	308.6	1570	34.8	175	0	No Failure	
232	L47411	L	298.3	308.4	1408	43.1	177	0	No Failure	
233	L47412	L	298.2	308.4	1424	47.6	179	0	No Failure	
234	L47413	L	298.2	308.4	1512	34.9	181	0	No Failure	
235	L47414	L	298.2	308.4	1478	42.9	183	0	No Failure	
236	M15095	M	298.1	308.3	1680	33.7	185	0	No Failure	
237	L47416	L	298.1	308.3	1495	38.7	188	0	No Failure	
238	M15097	M	298	308.1	1552	36.6	190	0	No Failure	
239	L47418	L	297.9	308.1	1393	50.3	193	0	No Failure	
240	L47419	L	298	308.2	1611	30.6	195	0	No Failure	
241	M15100	M	298	308.1	1339	51.6	197	0	No Failure	
242	L47421	L	298	308.1	1777	24.3	200	0	No Failure	
243	L47422	L	298	308.2	1348	58.8	202	1	Overstrain Failure	
244	L47423	L	298	308.2	1442	44.1	204	0	No Failure	
245	M15104	M	298	308.2	1395	49.1	206	0	No Failure	
246	M15105	M	297.9	308.1	1627	31.4	209	0	No Failure	
247	L47426	L	297.9	308.1	1585	33.5	212	0	No Failure	
248	L47427	L	298	308.2	1469	45.5	214	0	No Failure	
249	L47428	L	298	308.3	1362	56.8	216	1	Overstrain Failure	
250	L47429	L	298	308.3	1405	56.2	218	1	Overstrain Failure	
251	L47430	L	298	308.3	1662	32.7	0	0	No Failure	
252	M15111	M	298	308.2	1466	42.6	2	0	No Failure	
253	L47432	L	298	308.2	1620	35.8	5	0	No Failure	
254	L47433	L	298	308.2	1357	48.2	7	0	No Failure	
255	L47434	L	298	308.2	1514	37.9	9	0	No Failure	
256	L47435	L	298	308.2	1489	40.4	11	0	No Failure	
257	L47436	L	298.1	308.3	1331	63	13	0	No Failure	
258	L47437	L	298	308	1615	29.5	15	0	No Failure	
259	L47438	L	298.1	308.2	1482	37.9	17	0	No Failure	
260	M15119	M	298.1	308.2	1420	63.9	19	1	Power Failure	
261	M15120	M	298.2	308.3	1522	49.1	22	0	No Failure	
262	L47441	L	298.1	308.2	1654	32.1	25	0	No Failure	
263	M15122	M	298.1	308.2	1736	26.8	27	0	No Failure	
264	M15123	M	298	308.1	1587	32.3	30	0	No Failure	
265	L47444	L	298.1	308.2	1390	47.5	33	0	No Failure	

266	L47445	L	298	308.1	1454	37.1	35	0	No Failure	
267	H29680	H	298	308.1	1440	43.7	37	0	No Failure	
268	L47447	L	297.9	308	1954	21.1	42	0	No Failure	
269	H29682	H	297.9	308	1800	24.8	44	0	No Failure	
270	L47449	L	298	308	1524	37	49	0	No Failure	
271	H29684	H	298	308	1520	39.6	51	0	No Failure	
272	M15131	M	298.1	308.1	1452	40.8	56	0	No Failure	
273	L47452	L	298.1	308.1	1484	40.4	59	0	No Failure	
274	L47453	L	298.1	308	1426	46	61	0	No Failure	
275	L47454	L	298.1	308	1652	28.5	63	0	No Failure	
276	L47455	L	298	308	1401	54.7	65	0	No Failure	
277	M15136	M	298	307.9	1750	26.6	67	0	No Failure	
278	H29691	H	298	308	1479	50.7	70	0	No Failure	
279	M15138	M	298	308	1620	29.4	75	0	No Failure	
280	L47459	L	298	308.1	1819	23.4	78	0	No Failure	
281	M15140	M	298.1	308.1	1456	43.7	80	0	No Failure	
282	L47461	L	298.1	308	1626	36.5	83	0	No Failure	
283	M15142	M	298.1	308.1	1390	49.8	85	0	No Failure	
284	L47463	L	298.2	308.2	1469	43	88	0	No Failure	
285	L47464	L	298.2	308.3	2051	19.2	90	0	No Failure	
286	L47465	L	298.2	308.3	1568	36	92	0	No Failure	
287	L47466	L	298.2	308.3	1589	33.2	94	0	No Failure	
288	L47467	L	298.2	308.3	1805	31.6	96	0	No Failure	
289	H29702	H	298.2	308.4	1385	42.2	98	0	No Failure	
290	L47469	L	298.1	308.4	1436	46.7	103	0	No Failure	
291	L47470	L	298.1	308.4	1438	45.6	105	0	No Failure	
292	L47471	L	298	308.3	1473	42.6	107	0	No Failure	
293	L47472	L	298.1	308.4	1335	40.2	109	0	No Failure	
294	H29707	H	298.1	308.5	1392	44.8	111	0	No Failure	
295	M15154	M	298.1	308.5	1372	51.1	116	0	No Failure	
296	M15155	M	298.1	308.6	1716	30.7	119	0	No Failure	
297	L47476	L	298	308.5	1395	46.2	122	0	No Failure	
298	L47477	L	298	308.5	1713	25.3	124	0	No Failure	
299	H29712	H	297.9	308.5	2129	18.7	126	0	No Failure	
300	M15159	M	297.8	308.3	1567	35.6	131	0	No Failure	
301	L47480	L	297.8	308.4	1622	38.3	134	0	No Failure	
302	L47481	L	297.7	308.4	1740	27.1	136	0	No Failure	
303	H29716	H	297.8	308.4	1512	35.1	138	0	No Failure	

304	M15163	M	297.8	308.4	1479	43.5	143	0	No Failure	
305	L47484	L	297.8	308.4	1737	27.5	146	0	No Failure	
306	L47485	L	297.8	308.4	2129	19.2	148	0	No Failure	
307	L47486	L	297.8	308.4	1374	47.1	150	0	No Failure	
308	M15167	M	297.8	308.4	1579	36.6	152	0	No Failure	
309	L47488	L	297.9	308.5	1305	47.2	155	0	No Failure	
310	M15169	M	297.9	308.5	1449	40.8	157	0	No Failure	
311	H29724	H	298	308.6	1526	41.8	160	0	No Failure	
312	M15171	M	298	308.6	1453	44.1	165	0	No Failure	
313	L47492	L	297.9	308.6	1468	36	168	0	No Failure	
314	L47493	L	298	308.6	1313	50.8	170	0	No Failure	
315	M15174	M	297.9	308.5	1300	53	172	0	No Failure	
316	L47495	L	297.9	308.4	1646	40.6	175	0	No Failure	
317	L47496	L	297.8	308.4	1714	33.2	177	0	No Failure	
318	L47497	L	297.8	308.4	1685	28.4	179	0	No Failure	
319	L47498	L	297.8	308.4	1512	39.9	181	0	No Failure	
320	L47499	L	297.8	308.4	1612	32.1	183	0	No Failure	
321	H29734	H	297.8	308.4	1550	38.2	185	0	No Failure	
322	L47501	L	297.8	308.4	1518	32.5	190	0	No Failure	
323	L47502	L	297.8	308.5	1448	40	192	0	No Failure	
324	L47503	L	297.8	308.5	1561	46.3	194	0	No Failure	
325	M15184	M	297.8	308.5	1488	41.9	196	0	No Failure	
326	L47505	L	297.8	308.5	1699	27.8	199	0	No Failure	
327	L47506	L	297.7	308.5	1501	41.4	201	0	No Failure	
328	L47507	L	297.7	308.5	1373	56.7	203	1	Overstrain Failure	
329	H29742	H	297.6	308.4	1703	31.4	205	0	No Failure	
330	H29743	H	297.7	308.5	1720	29.9	210	0	No Failure	
331	M15190	M	297.6	308.4	1398	41.9	215	0	No Failure	
332	M15191	M	297.6	308.4	1391	51.9	218	0	No Failure	
333	M15192	M	297.6	308.3	1538	40.2	0	0	No Failure	
334	L47513	L	297.5	308.2	1647	31.3	3	0	No Failure	
335	M15194	M	297.5	308.1	1469	44.8	5	0	No Failure	
336	L47515	L	297.4	308.1	1749	25.9	8	0	No Failure	
337	M15196	M	297.6	308.2	1995	20.5	10	0	No Failure	
338	L47517	L	297.6	308.3	1742	27.7	13	0	No Failure	
339	L47518	L	297.5	308.2	1563	38.2	15	0	No Failure	
340	M15199	M	297.5	308.2	1713	32.2	17	0	No Failure	
341	L47520	L	297.4	308.1	1474	39.4	20	0	No Failure	

342	M15201	M	297.4	308.2	1530	32.6	22	0	No Failure	
343	L47522	L	297.4	308.2	1471	46.5	25	0	No Failure	
344	L47523	L	297.5	308.3	1388	48.6	27	0	No Failure	
345	M15204	M	297.5	308.2	2448	13.8	29	0	No Failure	
346	L47525	L	297.5	308.3	1585	32.9	32	0	No Failure	
347	M15206	M	297.5	308.3	1459	45.2	34	0	No Failure	
348	L47527	L	297.5	308.3	1544	40.8	37	0	No Failure	
349	L47528	L	297.6	308.3	1617	31.7	39	0	No Failure	
350	L47529	L	297.6	308.3	1595	34.3	41	0	No Failure	
351	H29764	H	297.6	308.3	1400	44.3	43	0	No Failure	
352	M15211	M	297.6	308.4	1611	31	48	0	No Failure	
353	M15212	M	297.6	308.4	1507	46	51	0	No Failure	
354	H29767	H	297.5	308.3	1674	30	54	0	No Failure	
355	L47534	L	297.6	308.3	1658	34.3	59	0	No Failure	
356	L47535	L	297.6	308.3	1623	36.9	61	0	No Failure	
357	M15216	M	297.6	308.4	1398	48.9	63	0	No Failure	
358	L47537	L	297.6	308.4	1517	34.2	66	0	No Failure	
359	M15218	M	297.6	308.3	1467	36.7	68	0	No Failure	
360	M15219	M	297.6	308.3	1567	34.6	71	0	No Failure	
361	M15220	M	297.5	308.3	1521	38.2	74	0	No Failure	
362	L47541	L	297.5	308.3	1596	36.8	77	0	No Failure	
363	H29776	H	297.6	308.3	1640	30.9	79	0	No Failure	
364	L47543	L	297.6	308.3	1438	47.8	84	0	No Failure	
365	L47544	L	297.6	308.4	1407	55.2	86	0	No Failure	
366	L47545	L	297.6	308.4	1353	57.5	88	0	No Failure	
367	M15226	M	297.6	308.5	1552	40.9	90	0	No Failure	
368	M15227	M	297.6	308.4	1569	38.3	93	0	No Failure	
369	L47548	L	297.5	308.4	1489	39.5	96	0	No Failure	
370	H29783	H	297.5	308.4	1587	36.1	98	0	No Failure	
371	M15230	M	297.5	308.3	1622	37.2	103	0	No Failure	
372	L47551	L	297.5	308.4	1604	38.1	106	0	No Failure	
373	M15232	M	297.4	308.3	1405	51.7	108	0	No Failure	
374	L47553	L	297.4	308.3	1412	42	111	0	No Failure	
375	L47554	L	297.4	308.3	1431	43	113	0	No Failure	
376	L47555	L	297.4	308.2	1533	37.4	115	0	No Failure	
377	M15236	M	297.4	308.2	1401	51.9	117	0	No Failure	
378	M15237	M	297.4	308.2	1424	53.9	120	0	No Failure	
379	L47558	L	297.3	308.2	1754	29.4	123	0	No Failure	

380	L47559	L	297.3	308.2	1754	26.8	125	0	No Failure	
381	L47560	L	297.5	308.3	2564	12.8	127	1	Power Failure	
382	L47561	L	297.5	308.5	1546	40.4	129	0	No Failure	
383	L47562	L	297.5	308.5	1335	48	131	0	No Failure	
384	M15243	M	297.5	308.6	1842	27	133	0	No Failure	
385	L47564	L	297.5	308.5	1712	26.8	136	0	No Failure	
386	M15245	M	297.6	308.6	1414	45.4	138	0	No Failure	
387	L47566	L	297.6	308.7	1319	50.9	141	0	No Failure	
388	L47567	L	297.7	308.7	1249	60.4	143	0	No Failure	
389	L47568	L	297.6	308.7	1455	48.2	145	0	No Failure	
390	M15249	M	297.6	308.7	1408	54.8	147	0	No Failure	
391	L47570	L	297.6	308.7	1460	46.7	150	0	No Failure	
392	L47571	L	297.6	308.6	1491	38.1	152	0	No Failure	
393	M15252	M	297.6	308.5	1490	43.4	154	0	No Failure	
394	M15253	M	297.5	308.4	1350	52.2	157	0	No Failure	
395	L47574	L	297.5	308.4	1528	39.9	160	0	No Failure	
396	L47575	L	297.4	308.3	1571	37.7	162	0	No Failure	
397	L47576	L	297.4	308.3	1490	42.6	164	0	No Failure	
398	M15257	M	297.4	308.3	1774	28.9	166	0	No Failure	
399	H29812	H	297.4	308.3	1502	43.6	169	0	No Failure	
400	L47579	L	297.4	308.4	1392	49.7	174	0	No Failure	
401	L47580	L	297.4	308.5	2100	16.9	176	0	No Failure	
402	L47581	L	297.5	308.5	1722	30.4	178	0	No Failure	
403	L47582	L	297.4	308.6	1678	32.3	180	0	No Failure	
404	L47583	L	297.3	308.6	1273	59.8	182	0	No Failure	
405	L47584	L	297.3	308.6	1297	45.9	184	0	No Failure	
406	L47585	L	297.3	308.5	1350	57.6	186	0	No Failure	
407	L47586	L	297.4	308.6	1439	51.9	188	0	No Failure	
408	M15267	M	297.4	308.5	1600	42.1	190	0	No Failure	
409	M15268	M	297.4	308.6	1434	44.4	193	0	No Failure	
410	L47589	L	297.4	308.6	1459	41.3	196	0	No Failure	
411	M15270	M	297.5	308.6	1472	44.9	198	0	No Failure	
412	L47591	L	297.5	308.7	1429	44.3	201	0	No Failure	
413	L47592	L	297.5	308.6	1388	48.2	203	0	No Failure	
414	L47593	L	297.4	308.4	1573	34.5	205	0	No Failure	
415	L47594	L	297.4	308.4	1588	32.5	207	0	No Failure	
416	L47595	L	297.5	308.4	1511	42.8	209	0	No Failure	
417	L47596	L	297.4	308.5	1495	37.8	211	0	No Failure	

418	L47597	L	297.4	308.4	1394	50.1	213	0	No Failure
419	L47598	L	297.4	308.4	2151	17.7	0	0	No Failure
420	M15279	M	297.3	308.3	1501	38.2	2	0	No Failure
421	M15280	M	297.3	308.3	1301	39.6	5	0	No Failure
422	M15281	M	297.3	308.3	1657	31.1	8	0	No Failure
423	L47602	L	297.3	308.3	1333	55.2	11	0	No Failure
424	L47603	L	297.3	308.3	1484	43.9	13	0	No Failure
425	L47604	L	297.3	308.4	1430	45.7	15	0	No Failure
426	M15285	M	297.3	308.4	1665	28.9	17	0	No Failure
427	L47606	L	297.4	308.5	1501	44.9	20	0	No Failure
428	M15287	M	297.5	308.5	1496	42.2	22	0	No Failure
429	M15288	M	297.6	308.6	1595	36.9	25	0	No Failure
430	L47609	L	297.5	308.6	1208	62.3	28	0	No Failure
431	L47610	L	297.5	308.6	1596	37.1	30	0	No Failure
432	L47611	L	297.5	308.5	1446	41.9	32	0	No Failure
433	M15292	M	297.6	308.5	1466	39.7	34	0	No Failure
434	M15293	M	297.6	308.5	1848	23.7	37	0	No Failure
435	M15294	M	297.5	308.5	1484	44.7	40	0	No Failure
436	L47615	L	297.4	308.3	1493	41.2	43	0	No Failure
437	L47616	L	297.3	308.3	1504	36.3	45	0	No Failure
438	L47617	L	297.3	308.3	1538	38.5	47	0	No Failure
439	L47618	L	297.4	308.4	1341	52.2	49	0	No Failure
440	M15299	M	297.4	308.3	1535	34.6	51	0	No Failure
441	L47620	L	297.4	308.5	1389	39.2	54	0	No Failure
442	H29855	H	297.5	308.5	1393	46.6	56	0	No Failure
443	L47622	L	297.4	308.5	1399	61.5	61	1	Power Failure
444	H29857	H	297.4	308.5	1469	45.1	63	0	No Failure
445	L47624	L	297.4	308.4	1582	37.2	68	0	No Failure
446	L47625	L	297.5	308.6	1793	26.7	70	0	No Failure
447	L47626	L	297.5	308.6	1452	39	72	0	No Failure
448	M15307	M	297.6	308.7	1376	59.9	74	0	No Failure
449	L47628	L	297.5	308.6	1552	44.9	77	0	No Failure
450	L47629	L	297.6	308.7	1622	37.9	79	0	No Failure
451	M15310	M	297.6	308.7	1419	41.7	81	0	No Failure
452	H29865	H	297.5	308.6	1440	46.1	84	0	No Failure
453	M15312	M	297.4	308.6	1643	31	89	0	No Failure
454	L47633	L	297.4	308.7	1510	36.2	92	0	No Failure
455	L47634	L	297.4	308.7	1468	46.6	94	0	No Failure

456	L47635	L	297.4	308.7	1429	57.4	96	0	No Failure
457	H29870	H	297.3	308.7	1478	47.6	98	0	No Failure
458	L47637	L	297.4	308.6	1276	53.6	103	0	No Failure
459	L47638	L	297.3	308.6	1486	42.6	105	0	No Failure
460	L47639	L	297.4	308.6	1476	42.3	107	0	No Failure
461	H29874	H	297.3	308.6	1431	42	109	0	No Failure
462	L47641	L	297.4	308.7	1402	40.2	114	0	No Failure
463	L47642	L	297.4	308.7	1433	43.4	116	0	No Failure
464	L47643	L	297.4	308.7	2874	4.2	118	1	Power Failure
465	L47644	L	297.3	308.6	1511	35.7	120	0	No Failure
466	M15325	M	297.3	308.6	1456	42.9	122	0	No Failure
467	L47646	L	297.2	308.5	1550	41.5	125	0	No Failure
468	L47647	L	297.2	308.5	2182	16.5	127	0	No Failure
469	L47648	L	297.3	308.7	1619	31.6	129	0	No Failure
470	M15329	M	297.3	308.8	1586	32.7	131	0	No Failure
471	H29884	H	297.3	308.8	1499	44.2	134	0	No Failure
472	H29885	H	297.3	308.8	1419	42.4	139	0	No Failure
473	M15332	M	297.4	309	1497	41.8	144	0	No Failure
474	M15333	M	297.4	309	1520	37	147	0	No Failure
475	L47654	L	297.4	309.1	1478	49.8	150	0	No Failure
476	L47655	L	297.4	309.1	1380	41.1	152	0	No Failure
477	L47656	L	297.4	309	1570	37.9	154	0	No Failure
478	H29891	H	297.4	309	1468	41.4	156	0	No Failure
479	L47658	L	297.4	309	1833	22.6	161	0	No Failure
480	M15339	M	297.4	308.9	1323	57.3	163	0	No Failure
481	L47660	L	297.4	309	1583	32	166	0	No Failure
482	M15341	M	297.3	309	1556	39.5	168	0	No Failure
483	L47662	L	297.3	309	1548	37.4	171	0	No Failure
484	L47663	L	297.4	309	1324	56.9	173	0	No Failure
485	L47664	L	297.4	309	1568	33.7	175	0	No Failure
486	M15345	M	297.4	309	1685	30.7	177	0	No Failure
487	M15346	M	297.4	309.1	1582	35.9	180	0	No Failure
488	M15347	M	297.4	309.1	1463	35	183	0	No Failure
489	L47668	L	297.4	309.2	1584	42.8	186	0	No Failure
490	M15349	M	297.5	309.2	1347	55.8	188	0	No Failure
491	L47670	L	297.4	309.2	1459	37.9	191	0	No Failure
492	L47671	L	297.4	309.2	1420	45.6	193	0	No Failure
493	L47672	L	297.5	309.3	1404	43.5	195	0	No Failure

494	L47673	L	297.5	309.3	1470	38.8	197	0	No Failure	
495	L47674	L	297.6	309.4	1326	49.8	199	0	No Failure	
496	H29909	H	297.5	309.3	1459	49.7	201	0	No Failure	
497	M15356	M	297.5	309.2	1530	40	206	0	No Failure	
498	L47677	L	297.4	309	1505	39.2	209	0	No Failure	
499	L47678	L	297.5	309.1	1611	30.2	211	0	No Failure	
500	L47679	L	297.5	309.1	1515	35.1	213	0	No Failure	
501	M15360	M	297.5	309.2	1804	27.4	215	0	No Failure	
502	M15361	M	297.6	309.3	1464	46.2	218	0	No Failure	
503	L47682	L	297.6	309.2	1390	43.3	221	0	No Failure	
504	M15363	M	297.6	309.2	1442	48.1	0	0	No Failure	
505	M15364	M	297.6	309.3	1529	41.9	3	0	No Failure	
506	L47685	L	297.6	309.3	1610	35	6	0	No Failure	
507	L47686	L	297.6	309.3	1543	34.3	8	0	No Failure	
508	H29921	H	297.8	309.4	1445	48.2	10	0	No Failure	
509	L47688	L	297.7	309.3	1893	24.6	15	0	No Failure	
510	M15369	M	297.6	309.3	1415	41.3	17	0	No Failure	
511	L47690	L	297.5	309.3	1564	37.5	20	0	No Failure	
512	L47691	L	297.5	309.3	1479	39.4	22	0	No Failure	
513	L47692	L	297.5	309.2	1426	44.8	24	0	No Failure	
514	L47693	L	297.4	309.2	1428	38.8	26	0	No Failure	
515	L47694	L	297.4	309.2	1620	33.2	28	0	No Failure	
516	L47695	L	297.5	309.2	1715	28	30	0	No Failure	
517	L47696	L	297.5	309.3	1732	29.9	32	0	No Failure	
518	M15377	M	297.5	309.4	1391	58.2	34	0	No Failure	
519	L47698	L	297.6	309.5	1924	20.6	37	0	No Failure	
520	M15379	M	297.7	309.5	2027	19.8	39	0	No Failure	
521	L47700	L	297.6	309.5	1617	36.2	42	0	No Failure	
522	L47701	L	297.5	309.4	1497	35.8	44	0	No Failure	
523	M15382	M	297.5	309.5	1448	43.7	46	0	No Failure	
524	L47703	L	297.4	309.4	1401	45.9	49	0	No Failure	
525	L47704	L	297.4	309.4	1620	35.4	51	0	No Failure	
526	L47705	L	297.4	309.4	1466	45.5	53	0	No Failure	
527	L47706	L	297.6	309.5	1373	50.6	55	0	No Failure	
528	M15387	M	297.6	309.6	1592	35.8	57	0	No Failure	
529	M15388	M	297.5	309.5	1553	42.4	60	0	No Failure	
530	L47709	L	297.6	309.5	1569	36.2	63	0	No Failure	
531	M15390	M	297.6	309.5	1709	32.2	65	0	No Failure	

532	L47711	L	297.6	309.5	1549	34.9	68	0	No Failure	
533	L47712	L	297.5	309.4	1443	45.4	70	0	No Failure	
534	L47713	L	297.5	309.3	1675	29.8	72	0	No Failure	
535	L47714	L	297.5	309.3	1623	33.4	74	0	No Failure	
536	H29949	H	297.4	309.3	1365	52.4	76	0	No Failure	
537	L47716	L	297.4	309.3	1759	24.8	81	0	No Failure	
538	H29951	H	297.4	309.3	1516	43	83	0	No Failure	
539	M15398	M	297.4	309.3	1499	36.8	88	0	No Failure	
540	M15399	M	297.4	309.3	1775	25.8	91	0	No Failure	
541	L47720	L	297.4	309.4	1473	45.5	94	0	No Failure	
542	L47721	L	297.4	309.4	1296	52.3	96	0	No Failure	
543	L47722	L	297.5	309.4	1803	24.7	98	0	No Failure	
544	H29957	H	297.5	309.3	1563	36.1	100	0	No Failure	
545	M15404	M	297.5	309.4	1831	26.6	105	0	No Failure	
546	L47725	L	297.6	309.4	1958	22.1	108	0	No Failure	
547	L47726	L	297.5	309.4	1809	24.3	110	0	No Failure	
548	M15407	M	297.5	309.4	1482	39.3	112	0	No Failure	
549	L47728	L	297.4	309.3	1332	53.2	115	0	No Failure	
550	L47729	L	297.4	309.2	1437	40.4	117	0	No Failure	
551	L47730	L	297.4	309.2	1698	29.4	119	0	No Failure	
552	L47731	L	297.4	309.2	1274	54.3	121	0	No Failure	
553	M15412	M	297.4	309.3	1622	35	123	0	No Failure	
554	M15413	M	297.4	309.3	1564	36	126	0	No Failure	
555	H29968	H	297.5	309.4	1368	45.3	129	0	No Failure	
556	M15415	M	297.4	309.4	1539	42.2	134	0	No Failure	
557	L47736	L	297.5	309.4	1357	50.1	137	0	No Failure	
558	M15417	M	297.5	309.4	1433	48.3	139	0	No Failure	
559	L47738	L	297.5	309.4	1650	34.6	142	0	No Failure	
560	L47739	L	297.5	309.4	1503	40.6	144	0	No Failure	
561	L47740	L	297.5	309.4	1318	58.2	146	0	No Failure	
562	M15421	M	297.5	309.4	1678	34.4	148	0	No Failure	
563	L47742	L	297.6	309.5	1574	30.9	151	0	No Failure	
564	L47743	L	297.7	309.6	1529	35.2	153	0	No Failure	
565	H29978	H	297.6	309.6	1669	32.1	155	0	No Failure	
566	H29979	H	297.7	309.7	1570	35.8	160	0	No Failure	
567	M15426	M	297.6	309.7	1541	33.7	165	0	No Failure	
568	M15427	M	297.7	309.7	1680	30.2	168	0	No Failure	
569	L47748	L	297.8	309.7	1935	22.1	171	0	No Failure	

570	M15429	M	297.7	309.6	1596	35.2	173	0	No Failure	
571	L47750	L	297.7	309.7	1498	41	176	0	No Failure	
572	M15431	M	297.8	309.8	1676	29	178	0	No Failure	
573	L47752	L	297.8	309.9	1351	49	181	0	No Failure	
574	L47753	L	297.9	309.9	1472	45	183	0	No Failure	
575	M15434	M	297.9	310	1439	41.7	185	0	No Failure	
576	M15435	M	297.9	309.9	1410	55.4	188	0	No Failure	
577	H29990	H	297.7	309.7	1440	51.1	191	0	No Failure	
578	L47757	L	297.7	309.7	1591	37.7	196	0	No Failure	
579	L47758	L	297.8	309.8	1533	36.8	198	0	No Failure	
580	M15439	M	297.8	309.7	1700	31.3	200	0	No Failure	
581	M15440	M	297.8	309.8	1798	25.5	203	0	No Failure	
582	L47761	L	297.8	309.7	1394	42.9	206	0	No Failure	
583	L47762	L	297.8	309.7	1341	49.2	208	0	No Failure	
584	H29997	H	297.7	309.6	1697	32.2	210	0	No Failure	
585	H29998	H	297.6	309.6	1419	48.2	215	0	No Failure	
586	L47765	L	297.6	309.5	2001	20.5	220	0	No Failure	
587	L47766	L	297.6	309.6	1501	49.8	222	1	Overstrain Failure	
588	H30001	H	297.6	309.5	1623	33.1	224	0	No Failure	
589	L47768	L	297.6	309.4	1628	33.4	229	0	No Failure	
590	L47769	L	297.6	309.4	1491	40.2	231	0	No Failure	
591	L47770	L	297.5	309.4	1517	36.7	233	0	No Failure	
592	H30005	H	297.5	309.3	1525	41.7	235	0	No Failure	
593	H30006	H	297.5	309.5	1668	27.9	240	0	No Failure	
594	L47773	L	297.5	309.6	1312	50.7	0	0	No Failure	
595	H30008	H	297.6	309.6	1278	50.4	2	0	No Failure	
596	M15455	M	297.6	309.6	1330	53.1	7	0	No Failure	
597	M15456	M	297.6	309.6	1530	37.3	10	0	No Failure	
598	H30011	H	297.6	309.6	1428	46.6	13	0	No Failure	
599	L47778	L	297.7	309.6	1480	47.9	18	0	No Failure	
600	H30013	H	297.7	309.7	1616	31.1	20	0	No Failure	
601	L47780	L	297.8	309.7	1547	37.3	25	0	No Failure	
602	L47781	L	297.9	309.7	2194	16.8	27	0	No Failure	
603	L47782	L	297.9	309.8	2000	21.3	29	0	No Failure	
604	L47783	L	297.9	309.8	1336	71.6	31	1	Power Failure	
605	L47784	L	297.9	309.9	1542	33.8	33	0	No Failure	
606	M15465	M	297.9	309.8	1693	29.9	35	0	No Failure	
607	L47786	L	297.9	309.8	1461	50.5	38	0	No Failure	

608	M15467	M	298	309.9	1565	33.9	40	0	No Failure	
609	L47788	L	298	309.9	1403	47.7	43	0	No Failure	
610	L47789	L	298.1	309.9	1629	32.5	45	0	No Failure	
611	L47790	L	298.1	310	1534	33.7	47	0	No Failure	
612	L47791	L	298.1	310	1553	40.9	49	0	No Failure	
613	L47792	L	298.1	309.9	1563	32.8	51	0	No Failure	
614	L47793	L	298.1	309.9	1634	30	53	0	No Failure	
615	M15474	M	298	309.9	1445	45.2	55	0	No Failure	
616	L47795	L	298.1	309.9	1642	30.4	58	0	No Failure	
617	H30030	H	298.1	309.9	1686	29.1	60	0	No Failure	
618	M15477	M	298.1	310	1393	43.1	65	0	No Failure	
619	H30032	H	298.2	310	1433	44.2	68	0	No Failure	
620	L47799	L	298.3	310	1507	44.7	73	0	No Failure	
621	M15480	M	298.3	310.1	1389	49.6	75	0	No Failure	
622	L47801	L	298.3	310.1	1408	45.3	78	0	No Failure	
623	M15482	M	298.4	310.2	1725	32	80	0	No Failure	
624	L47803	L	298.4	310.1	1926	23.7	83	0	No Failure	
625	H30038	H	298.3	310.1	1509	37.6	85	0	No Failure	
626	L47805	L	298.3	310.1	1545	36.3	90	0	No Failure	
627	L47806	L	298.4	310.1	1533	35.2	92	0	No Failure	
628	L47807	L	298.4	310.1	1455	42.2	94	0	No Failure	
629	M15488	M	298.4	310.1	1335	57.8	96	0	No Failure	
630	L47809	L	298.3	310.1	1523	45.9	99	0	No Failure	
631	L47810	L	298.3	310	1460	47.6	101	0	No Failure	
632	L47811	L	298.4	310	1554	37.3	103	0	No Failure	
633	H30046	H	298.3	310	1419	47.1	105	0	No Failure	
634	L47813	L	298.3	310	1442	43.9	110	0	No Failure	
635	L47814	L	298.3	309.9	1507	41.6	112	0	No Failure	
636	L47815	L	298.3	310	1858	23.9	114	0	No Failure	
637	L47816	L	298.3	309.9	1463	43.9	116	0	No Failure	
638	L47817	L	298.2	309.7	1585	37.4	118	0	No Failure	
639	L47818	L	298	309.6	1536	37.3	120	0	No Failure	
640	L47819	L	298	309.6	1403	51.3	122	0	No Failure	
641	M15500	M	297.9	309.6	1515	38.8	124	0	No Failure	
642	L47821	L	297.9	309.5	1390	47.9	127	0	No Failure	
643	M15502	M	297.8	309.4	1226	58.7	129	0	No Failure	
644	M15503	M	297.8	309.4	1495	36.5	132	0	No Failure	
645	H30058	H	297.7	309.4	1608	30.2	135	0	No Failure	

646	L47825	L	297.7	309.4	1392	44.1	140	0	No Failure	
647	M15506	M	297.7	309.4	1461	43.7	142	0	No Failure	
648	L47827	L	297.7	309.3	1559	36.9	145	0	No Failure	
649	H30062	H	297.7	309.3	1400	48.9	147	0	No Failure	
650	M15509	M	297.7	309.2	1732	28.8	152	0	No Failure	
651	L47830	L	297.6	309.2	1611	33.1	155	0	No Failure	
652	L47831	L	297.6	309.1	1503	38.9	157	0	No Failure	
653	L47832	L	297.7	309.2	1391	44.5	159	0	No Failure	
654	L47833	L	297.8	309.3	2015	20.1	161	0	No Failure	
655	L47834	L	297.8	309.2	1683	30.9	163	0	No Failure	
656	L47835	L	297.7	309.1	1435	38.8	165	0	No Failure	
657	M15516	M	297.7	309.1	1732	28.1	167	0	No Failure	
658	L47837	L	297.7	309.2	1365	58.6	170	0	No Failure	
659	L47838	L	297.7	309.1	1562	36.8	172	0	No Failure	
660	L47839	L	297.6	309.1	1449	49.1	174	0	No Failure	
661	M15520	M	297.7	309.2	1700	27.4	176	0	No Failure	
662	M15521	M	297.6	309	1427	45.6	179	0	No Failure	
663	M15522	M	297.6	308.9	1479	38.1	182	0	No Failure	
664	L47843	L	297.5	308.9	1469	44	185	0	No Failure	
665	L47844	L	297.5	308.9	1390	47.4	187	0	No Failure	
666	L47845	L	297.5	308.9	1729	28.1	189	0	No Failure	
667	L47846	L	297.5	309	1470	43.5	191	0	No Failure	
668	L47847	L	297.5	308.9	1459	48.5	193	0	No Failure	
669	L47848	L	297.5	308.9	1738	24	195	0	No Failure	
670	H30083	H	297.5	308.9	1471	37.7	197	0	No Failure	
671	L47850	L	297.6	309	1822	25.4	202	0	No Failure	
672	L47851	L	297.5	308.9	1554	34.8	204	0	No Failure	
673	M15532	M	297.6	308.9	1433	43.2	206	0	No Failure	
674	L47853	L	297.6	308.9	1449	47.7	209	0	No Failure	
675	L47854	L	297.8	309	1456	41.2	0	0	No Failure	
676	M15535	M	297.8	309.1	1424	45.5	2	0	No Failure	
677	H30090	H	297.9	309.2	1577	34.7	5	0	No Failure	
678	L47857	L	297.9	309.2	1478	39.7	10	0	No Failure	
679	M15538	M	297.8	309.2	1295	61.2	12	0	No Failure	
680	L47859	L	297.8	309.2	1372	47.3	15	0	No Failure	
681	M15540	M	297.8	309.1	1432	42.6	17	0	No Failure	
682	M15541	M	297.7	309	1656	33.2	20	0	No Failure	
683	H30096	H	297.8	309	1410	48.8	23	0	No Failure	

684	L47863	L	297.7	309	1874	24.4	28	0	No Failure	
685	L47864	L	297.7	309	1538	43.2	30	0	No Failure	
686	M15545	M	297.7	309	1636	29.7	32	0	No Failure	
687	M15546	M	297.7	309	1504	40.4	35	0	No Failure	
688	M15547	M	297.7	309	1531	42.4	38	0	No Failure	
689	H30102	H	297.6	309	1735	26.4	41	0	No Failure	
690	H30103	H	297.6	309	1354	55.6	46	0	No Failure	
691	H30104	H	297.6	309	1413	40.2	51	0	No Failure	
692	L47871	L	297.7	309.1	1563	39.3	56	0	No Failure	
693	L47872	L	297.7	309.1	1479	42.1	58	0	No Failure	
694	L47873	L	297.7	309.1	1477	38.3	60	0	No Failure	
695	L47874	L	297.6	309.1	1394	50	62	0	No Failure	
696	L47875	L	297.6	309	1487	45.4	64	0	No Failure	
697	M15556	M	297.6	309	1815	25.3	66	0	No Failure	
698	M15557	M	297.6	308.8	1453	39.7	69	0	No Failure	
699	L47878	L	297.6	308.8	1539	40.2	72	0	No Failure	
700	H30113	H	297.5	308.7	1416	39.2	74	0	No Failure	
701	M15560	M	297.6	308.8	1683	31.6	79	0	No Failure	
702	L47881	L	297.7	308.8	1515	40.1	82	0	No Failure	
703	M15562	M	297.7	308.9	1531	48.3	84	0	No Failure	
704	H30117	H	297.7	308.9	1479	40.9	87	0	No Failure	
705	L47884	L	297.7	308.9	1516	33.7	92	0	No Failure	
706	L47885	L	297.7	309	1507	38.2	94	0	No Failure	
707	M15566	M	297.8	309	1434	43.3	96	0	No Failure	
708	L47887	L	297.7	308.9	1838	27.3	99	0	No Failure	
709	M15568	M	297.6	308.8	1416	45.9	101	0	No Failure	
710	M15569	M	297.6	308.8	1357	49.7	104	0	No Failure	
711	M15570	M	297.5	308.7	1697	28.1	107	0	No Failure	
712	L47891	L	297.5	308.7	1443	46.2	110	0	No Failure	
713	L47892	L	297.5	308.7	1453	37.6	112	0	No Failure	
714	L47893	L	297.4	308.6	1439	46.4	114	0	No Failure	
715	L47894	L	297.4	308.6	1609	36.2	116	0	No Failure	
716	L47895	L	297.4	308.6	1324	59.1	118	0	No Failure	
717	H30130	H	297.4	308.6	1420	45.8	120	0	No Failure	
718	L47897	L	297.4	308.7	1545	36.9	125	0	No Failure	
719	L47898	L	297.5	308.8	1477	39	127	0	No Failure	
720	L47899	L	297.4	308.8	1447	58.1	129	0	No Failure	
721	L47900	L	297.4	308.9	1809	23.8	131	0	No Failure	

722	L47901	L	297.5	308.9	1696	30.9	133	0	No Failure	
723	L47902	L	297.5	308.9	1427	44.7	135	0	No Failure	
724	M15583	M	297.4	308.9	1500	46.3	137	0	No Failure	
725	L47904	L	297.5	308.9	1390	44.6	140	0	No Failure	
726	L47905	L	297.4	308.8	1640	34.2	142	0	No Failure	
727	M15586	M	297.4	308.8	1628	37.4	144	0	No Failure	
728	H30141	H	297.3	308.6	1499	37.6	147	0	No Failure	
729	M15588	M	297.4	308.7	1425	50.3	152	0	No Failure	
730	L47909	L	297.3	308.6	1586	37.7	155	0	No Failure	
731	M15590	M	297.3	308.6	1471	50.7	157	0	No Failure	
732	M15591	M	297.3	308.6	1431	53	160	0	No Failure	
733	L47912	L	297.2	308.6	1924	22.1	163	0	No Failure	
734	M15593	M	297.1	308.4	1421	42	165	0	No Failure	
735	H30148	H	297	308.4	1305	54.6	168	0	No Failure	
736	L47915	L	296.9	308.4	1557	32.4	173	0	No Failure	
737	L47916	L	296.9	308.3	1555	38.2	175	0	No Failure	
738	H30151	H	296.9	308.3	1474	39.2	177	0	No Failure	
739	L47918	L	296.8	308.3	1506	45.9	182	0	No Failure	
740	L47919	L	296.9	308.4	1390	41.8	184	0	No Failure	
741	M15600	M	296.9	308.4	1450	46.9	186	0	No Failure	
742	L47921	L	296.9	308.3	1513	38.8	189	0	No Failure	
743	L47922	L	296.8	308.2	1643	34.7	191	0	No Failure	
744	L47923	L	296.8	308.2	1361	53.8	193	0	No Failure	
745	L47924	L	296.7	308.1	1450	40.9	195	0	No Failure	
746	L47925	L	296.7	308	1451	50.7	197	0	No Failure	
747	L47926	L	296.8	308.1	1289	62	199	1	Overstrain Failure	
748	L47927	L	296.8	308.1	1356	48.3	201	0	No Failure	
749	H30162	H	296.7	308.1	1528	46.3	203	0	No Failure	
750	L47929	L	296.6	308	1978	22.3	208	0	No Failure	
751	L47930	L	296.7	308	1535	36.8	210	0	No Failure	
752	M15611	M	296.8	308.1	1843	24.2	212	0	No Failure	
753	L47932	L	296.9	308.1	1422	48.7	215	0	No Failure	
754	L47933	L	296.8	308	1536	40.4	217	0	No Failure	
755	M15614	M	296.9	308.1	1483	44.3	219	0	No Failure	
756	H30169	H	296.8	308.1	1492	43.7	222	0	No Failure	
757	L47936	L	296.8	308	1584	40.4	227	0	No Failure	
758	L47937	L	296.9	308.1	1555	33.7	229	0	No Failure	
759	L47938	L	296.8	308	1497	41.7	231	0	No Failure	

760	M15619	M	296.7	307.8	1537	36.3	233	0	No Failure	
761	L47940	L	296.7	307.8	1505	39.4	236	0	No Failure	
762	L47941	L	296.7	307.8	1646	34.6	238	0	No Failure	
763	M15622	M	296.7	307.8	1286	60.5	0	0	No Failure	
764	L47943	L	296.7	307.8	1400	47.5	3	0	No Failure	
765	L47944	L	296.8	307.9	1337	56.5	5	0	No Failure	
766	L47945	L	296.9	308	1332	53.9	7	0	No Failure	
767	L47946	L	296.8	308	1561	38.3	9	0	No Failure	
768	L47947	L	296.9	308	1546	31.1	11	0	No Failure	
769	L47948	L	296.9	308	1713	29.3	13	0	No Failure	
770	L47949	L	296.9	308	1343	44.5	15	0	No Failure	
771	L47950	L	296.8	308	1391	54.4	17	0	No Failure	
772	H30185	H	296.8	308	1311	58.6	19	0	No Failure	
773	H30186	H	296.8	308	1453	51	24	0	No Failure	
774	L47953	L	296.8	308	1510	39.4	29	0	No Failure	
775	L47954	L	296.8	307.9	1448	48.8	31	0	No Failure	
776	L47955	L	296.7	307.8	1453	46	33	0	No Failure	
777	L47956	L	296.7	307.8	1468	39.2	35	0	No Failure	
778	L47957	L	296.7	307.8	1382	47.5	37	0	No Failure	
779	L47958	L	296.7	308	1580	32.2	39	0	No Failure	
780	L47959	L	296.8	308	1666	29.8	41	0	No Failure	
781	M15640	M	296.9	308	1409	50.7	43	0	No Failure	
782	L47961	L	296.8	308	1675	29.7	46	0	No Failure	
783	L47962	L	296.8	307.9	1698	30.8	48	0	No Failure	
784	H30197	H	296.7	307.9	1579	33.4	50	0	No Failure	
785	L47964	L	296.7	307.9	1743	27.9	55	0	No Failure	
786	M15645	M	296.9	308	1497	44.8	57	0	No Failure	
787	L47966	L	296.9	308.1	1741	28.8	60	0	No Failure	
788	L47967	L	296.9	308.1	1435	45.3	62	0	No Failure	
789	M15648	M	296.9	308.1	1440	46.3	64	0	No Failure	
790	M15649	M	296.9	308	1641	33.3	67	0	No Failure	
791	L47970	L	296.8	307.9	1420	45.4	70	0	No Failure	
792	L47971	L	296.8	307.9	1611	35.4	72	0	No Failure	
793	L47972	L	296.8	307.8	1373	42.9	74	0	No Failure	
794	M15653	M	296.8	307.9	1683	31.8	76	0	No Failure	
795	H30208	H	296.9	307.9	1547	32.6	79	0	No Failure	
796	L47975	L	296.9	307.8	1605	37	84	0	No Failure	
797	M15656	M	296.9	307.9	2010	18.9	86	0	No Failure	

798	L47977	L	296.8	307.7	1565	40.1	89	0	No Failure	
799	M15658	M	296.9	307.8	1828	24.6	91	0	No Failure	
800	M15659	M	297	307.8	1579	34.1	94	0	No Failure	
801	M15660	M	297	307.9	1882	24.2	97	0	No Failure	
802	L47981	L	296.9	307.8	1285	52.1	100	0	No Failure	
803	L47982	L	296.9	307.8	1571	35	102	0	No Failure	
804	H30217	H	296.9	307.8	1549	37.8	104	0	No Failure	
805	M15664	M	296.9	307.8	1544	37.6	109	0	No Failure	
806	M15665	M	297	307.9	1412	47.4	112	0	No Failure	
807	M15666	M	297	307.9	1422	53	115	0	No Failure	
808	L47987	L	297	307.7	1867	22.8	118	0	No Failure	
809	L47988	L	296.9	307.7	1424	43.3	120	0	No Failure	
810	L47989	L	296.9	307.6	1452	45.7	122	0	No Failure	
811	L47990	L	296.9	307.7	1550	39.7	124	0	No Failure	
812	L47991	L	296.8	307.6	1588	37.6	126	0	No Failure	
813	L47992	L	296.8	307.6	1338	44.4	128	0	No Failure	
814	L47993	L	296.8	307.6	1513	40	130	0	No Failure	
815	M15674	M	296.8	307.5	1470	45.9	132	0	No Failure	
816	M15675	M	296.8	307.5	1516	36.7	135	0	No Failure	
817	L47996	L	296.8	307.6	1434	48.3	138	0	No Failure	
818	L47997	L	296.8	307.6	1368	52	140	0	No Failure	
819	L47998	L	296.8	307.6	1304	48.7	142	0	No Failure	
820	L47999	L	296.8	307.6	1398	46.7	144	0	No Failure	
821	L48000	L	296.7	307.6	1516	37.4	146	0	No Failure	
822	L48001	L	296.7	307.6	1474	41.7	148	0	No Failure	
823	M15682	M	296.7	307.6	1547	34.7	150	0	No Failure	
824	M15683	M	296.6	307.5	1482	39.9	153	0	No Failure	
825	L48004	L	296.6	307.4	1436	42.8	156	0	No Failure	
826	L48005	L	296.6	307.3	1474	40	158	0	No Failure	
827	L48006	L	296.5	307.2	1481	38.2	160	0	No Failure	
828	L48007	L	296.5	307.3	1501	42.1	162	0	No Failure	
829	L48008	L	296.5	307.3	1566	37.2	164	0	No Failure	
830	L48009	L	296.5	307.3	1579	34.5	166	0	No Failure	
831	L48010	L	296.6	307.4	1631	35	168	0	No Failure	
832	M15691	M	296.6	307.4	1544	42.3	170	0	No Failure	
833	L48012	L	296.6	307.4	1521	38.6	173	0	No Failure	
834	L48013	L	296.6	307.4	1616	28	175	0	No Failure	
835	H30248	H	296.6	307.4	1333	50.2	177	0	No Failure	

836	M15695	M	296.7	307.4	1533	32.5	182	0	No Failure	
837	L48016	L	296.6	307.4	1368	45.1	185	0	No Failure	
838	L48017	L	296.6	307.4	1465	47.8	187	0	No Failure	
839	H30252	H	296.6	307.4	1406	41.5	189	0	No Failure	
840	M15699	M	296.5	307.4	1565	43.5	194	0	No Failure	
841	L48020	L	296.6	307.5	1582	37.9	197	0	No Failure	
842	L48021	L	296.6	307.5	1439	45.5	199	0	No Failure	
843	M15702	M	296.6	307.5	1566	35	201	0	No Failure	
844	L48023	L	296.6	307.5	1485	42.7	204	0	No Failure	
845	L48024	L	296.5	307.5	1566	35.1	206	0	No Failure	
846	L48025	L	296.3	307.3	1439	41.5	208	0	No Failure	
847	M15706	M	296.4	307.4	1416	50	210	0	No Failure	
848	L48027	L	296.4	307.4	2833	5.6	213	1	Power Failure	
849	L48028	L	296.3	307.4	1465	47.1	215	0	No Failure	
850	H30263	H	296.4	307.4	1586	35.5	0	0	No Failure	
851	L48030	L	296.3	307.3	1567	31.4	5	0	No Failure	
852	M15711	M	296.2	307.2	1389	48.6	7	0	No Failure	
853	M15712	M	296.3	307.3	1368	49.5	10	0	No Failure	
854	L48033	L	296.3	307.3	1444	49	13	0	No Failure	
855	M15714	M	296.3	307.3	1498	41.6	15	0	No Failure	
856	L48035	L	296.1	307.2	1615	30.8	18	0	No Failure	
857	L48036	L	296.1	307.1	1898	22.7	20	0	No Failure	
858	M15717	M	296.1	307.1	1350	53.3	22	0	No Failure	
859	M15718	M	296.2	307	1516	37.6	25	0	No Failure	
860	H30273	H	296.2	307	1542	40.6	28	0	No Failure	
861	H30274	H	296.1	306.9	1541	32.6	33	0	No Failure	
862	M15721	M	296.1	306.9	1951	23.3	38	0	No Failure	
863	H30276	H	296.1	306.8	1645	31	41	0	No Failure	
864	L48043	L	296	306.7	1416	44.2	46	0	No Failure	
865	M15724	M	296	306.7	2044	22.3	48	0	No Failure	
866	L48045	L	295.9	306.6	1414	50.2	51	0	No Failure	
867	L48046	L	295.9	306.6	1678	26.7	53	0	No Failure	
868	H30281	H	295.9	306.5	1594	33.2	55	0	No Failure	
869	M15728	M	295.8	306.5	1514	37.7	60	0	No Failure	
870	L48049	L	295.8	306.5	1358	49.2	63	0	No Failure	
871	L48050	L	295.8	306.4	1325	56.2	65	0	No Failure	
872	L48051	L	295.8	306.4	1339	53.2	67	0	No Failure	
873	M15732	M	295.8	306.4	1335	51.7	69	0	No Failure	

874	L48053	L	295.9	306.4	1892	21.7	72	0	No Failure	
875	L48054	L	295.9	306.4	1575	28.5	74	0	No Failure	
876	M15735	M	295.8	306.3	1444	45.5	76	0	No Failure	
877	L48056	L	295.7	306.3	1915	22.4	79	0	No Failure	
878	M15737	M	295.6	306.2	1584	33.6	81	0	No Failure	
879	M15738	M	295.7	306.3	1685	34.9	84	0	No Failure	
880	L48059	L	295.8	306.3	1337	54.6	87	0	No Failure	
881	M15740	M	295.8	306.3	1235	76.2	89	1	Power Failure	
882	L48061	L	295.7	306.2	1464	46.2	92	0	No Failure	
883	M15742	M	295.7	306.2	1739	25.9	94	0	No Failure	
884	L48063	L	295.7	306.3	1490	34.3	97	0	No Failure	
885	L48064	L	295.8	306.4	1356	48	99	0	No Failure	
886	L48065	L	295.7	306.2	1397	52	101	0	No Failure	
887	L48066	L	295.7	306.2	1458	40.6	103	0	No Failure	
888	H30301	H	295.7	306.2	2161	16.5	105	0	No Failure	
889	M15748	M	295.6	306.1	1651	28.1	110	0	No Failure	
890	L48069	L	295.6	306.1	1389	46.2	113	0	No Failure	
891	L48070	L	295.6	306	1370	52.4	115	0	No Failure	
892	L48071	L	295.7	306.1	1408	47.9	117	0	No Failure	
893	L48072	L	295.7	306.1	1343	54.4	119	0	No Failure	
894	M15753	M	295.7	306.2	1423	42.5	121	0	No Failure	
895	L48074	L	295.6	306.2	1426	48.6	124	0	No Failure	
896	M15755	M	295.6	306.2	1435	51.6	126	0	No Failure	
897	L48076	L	295.5	306.1	1573	35.1	129	0	No Failure	
898	L48077	L	295.6	306.2	1612	31.2	131	0	No Failure	
899	L48078	L	295.6	306.2	1446	49.9	133	0	No Failure	
900	H30313	H	295.6	306.2	1329	55.3	135	0	No Failure	
901	L48080	L	295.6	306.2	1569	35.1	140	0	No Failure	
902	H30315	H	295.6	306.1	1256	62.3	142	0	No Failure	
903	L48082	L	295.6	306.1	1383	48.7	147	0	No Failure	
904	L48083	L	295.7	306.2	2270	14.6	149	1	Power Failure	
905	H30318	H	295.7	306.2	1458	49.8	151	0	No Failure	
906	L48085	L	295.6	306.1	1474	41.2	156	0	No Failure	
907	M15766	M	295.6	306.1	1462	49.2	158	0	No Failure	
908	M15767	M	295.6	306.1	1669	29	161	0	No Failure	
909	M15768	M	295.5	306.1	1822	24.3	164	0	No Failure	
910	L48089	L	295.5	306	1456	39.2	167	0	No Failure	
911	L48090	L	295.5	306	1546	35.9	169	0	No Failure	

912	M15771	M	295.6	306.1	1490	42.7	171	0	No Failure	
913	L48092	L	295.6	306	1569	40.4	174	0	No Failure	
914	L48093	L	295.5	306	1621	29.5	176	0	No Failure	
915	M15774	M	295.4	305.9	1518	40.6	178	0	No Failure	
916	M15775	M	295.4	305.8	1526	38.2	181	0	No Failure	
917	M15776	M	295.3	305.8	1589	36.2	184	0	No Failure	
918	L48097	L	295.3	305.7	1475	51	187	0	No Failure	
919	M15778	M	295.3	305.7	1473	38.5	189	0	No Failure	
920	L48099	L	295.4	305.8	1407	50.7	192	0	No Failure	
921	M15780	M	295.5	305.9	1518	44.1	194	0	No Failure	
922	H30335	H	295.5	305.9	1593	37.2	197	0	No Failure	
923	M15782	M	295.5	305.9	1380	52.4	202	0	No Failure	
924	M15783	M	295.5	306	1423	45.3	205	0	No Failure	
925	L48104	L	295.5	306	1800	27.6	208	0	No Failure	
926	H30339	H	295.6	306.1	1623	30.9	210	0	No Failure	
927	L48106	L	295.6	306.1	1372	55.6	215	1	Overstrain Failure	
928	H30341	H	295.6	306	1396	52.4	0	0	No Failure	
929	L48108	L	295.6	306	1949	21.9	5	0	No Failure	
930	L48109	L	295.6	306	1419	51.1	7	0	No Failure	
931	M15790	M	295.5	305.9	1453	47.3	9	0	No Failure	
932	L48111	L	295.5	305.9	1542	36.2	12	0	No Failure	
933	L48112	L	295.6	306	1363	50	14	0	No Failure	
934	L48113	L	295.5	306	1597	37.2	16	0	No Failure	
935	M15794	M	295.5	306	1326	50.8	18	0	No Failure	
936	M15795	M	295.5	306	1641	36.6	21	0	No Failure	
937	M15796	M	295.6	306.1	1418	46.2	24	0	No Failure	
938	L48117	L	295.6	306.2	1263	61.8	27	0	No Failure	
939	L48118	L	295.6	306.2	1823	25.8	29	0	No Failure	
940	L48119	L	295.5	306.1	1488	40.7	31	0	No Failure	
941	L48120	L	295.6	306.2	1443	48.9	33	0	No Failure	
942	L48121	L	295.6	306.2	1650	28.2	35	0	No Failure	
943	M15802	M	295.7	306.3	1462	44.3	37	0	No Failure	
944	M15803	M	295.6	306.2	1477	45	40	0	No Failure	
945	M15804	M	295.7	306.3	1712	28.5	43	0	No Failure	
946	M15805	M	295.7	306.3	1347	50.4	46	0	No Failure	
947	L48126	L	295.6	306.2	1287	54.8	49	0	No Failure	
948	L48127	L	295.6	306.2	1428	44.5	51	0	No Failure	
949	M15808	M	295.6	306.3	1426	45.5	53	0	No Failure	

950	L48129	L	295.6	306.3	1636	32.7	56	0	No Failure	
951	L48130	L	295.6	306.2	1424	42.5	58	0	No Failure	
952	H30365	H	295.6	306.3	1509	35.8	60	0	No Failure	
953	L48132	L	295.5	306.2	1448	48.9	65	0	No Failure	
954	L48133	L	295.5	306.1	1650	32.8	67	0	No Failure	
955	H30368	H	295.6	306.2	1414	42.5	69	0	No Failure	
956	L48135	L	295.6	306.3	1911	20.9	74	0	No Failure	
957	H30370	H	295.6	306.2	1632	32.2	76	0	No Failure	
958	M15817	M	295.7	306.4	1387	40.1	81	0	No Failure	
959	L48138	L	295.8	306.4	1399	47.6	84	0	No Failure	
960	L48139	L	295.8	306.5	1505	35.2	86	0	No Failure	
961	L48140	L	295.8	306.5	1534	37.9	88	0	No Failure	
962	L48141	L	295.8	306.5	1493	40.5	90	0	No Failure	
963	M15822	M	295.8	306.6	1480	43.2	92	0	No Failure	
964	L48143	L	295.8	306.6	1621	31.6	95	0	No Failure	
965	L48144	L	295.7	306.5	1737	26.2	97	0	No Failure	
966	L48145	L	295.8	306.6	1508	46.5	99	0	No Failure	
967	M15826	M	295.8	306.5	1641	32.2	101	0	No Failure	
968	M15827	M	295.9	306.6	1532	38.6	104	0	No Failure	
969	L48148	L	295.9	306.7	1547	40.9	107	0	No Failure	
970	L48149	L	295.9	306.6	1412	41	109	0	No Failure	
971	L48150	L	295.8	306.5	1568	35.1	111	0	No Failure	
972	L48151	L	295.9	306.6	1557	41.1	113	0	No Failure	
973	L48152	L	295.8	306.6	1644	35.2	115	0	No Failure	
974	L48153	L	295.9	306.6	1679	30.4	117	0	No Failure	
975	L48154	L	296	306.6	1511	35.2	119	0	No Failure	
976	M15835	M	296	306.6	1628	36.8	121	0	No Failure	
977	M15836	M	296	306.6	1392	51.3	124	0	No Failure	
978	L48157	L	296	306.7	1917	21	127	0	No Failure	
979	M15838	M	296.2	306.8	1526	42.3	129	0	No Failure	
980	L48159	L	296.2	306.8	1389	53.3	132	0	No Failure	
981	L48160	L	296.1	306.7	1409	42.8	134	0	No Failure	
982	L48161	L	296.2	306.8	1655	31.1	136	0	No Failure	
983	L48162	L	296.2	306.9	1516	39.1	138	0	No Failure	
984	L48163	L	296.2	306.9	1526	34.9	140	0	No Failure	
985	L48164	L	296.3	307.1	1419	48.6	142	0	No Failure	
986	L48165	L	296.4	307.2	1748	25.3	144	0	No Failure	
987	H30400	H	296.4	307.1	1638	32.5	146	0	No Failure	

988	M15847	M	296.3	307.1	1534	33.8	151	0	No Failure	
989	H30402	H	296.3	307.1	1774	25.9	154	0	No Failure	
990	M15849	M	296.2	307	2119	18.3	159	0	No Failure	
991	L48170	L	296.2	307	1414	48.3	162	0	No Failure	
992	M15851	M	296.1	307	1523	42	164	0	No Failure	
993	L48172	L	296.1	307.1	1651	35.7	167	0	No Failure	
994	M15853	M	296.1	307.1	1485	36	169	0	No Failure	
995	M15854	M	296.2	307.2	1168	63.4	172	0	No Failure	
996	L48175	L	296.3	307.3	1566	35.8	175	0	No Failure	
997	M15856	M	296.3	307.2	1286	51.1	177	0	No Failure	
998	M15857	M	296.3	307.2	1446	45.9	180	0	No Failure	
999	M15858	M	296.4	307.2	2071	19.4	183	0	No Failure	
1000	L48179	L	296.3	307.1	1560	33.2	186	0	No Failure	
1001	L48180	L	296.3	307.1	1654	29.6	188	0	No Failure	
1002	L48181	L	296.3	307.1	1662	32.9	190	0	No Failure	
1003	L48182	L	296.3	307.2	1646	35	192	0	No Failure	
1004	L48183	L	296.2	307.1	1444	46.7	194	0	No Failure	
1005	H30418	H	296.3	307.2	1424	42	196	0	No Failure	
1006	L48185	L	296.2	307.2	1382	52	201	0	No Failure	
1007	L48186	L	296.2	307.1	1413	53.4	203	0	No Failure	
1008	M15867	M	296.2	307.2	1633	31.1	0	0	No Failure	
1009	L48188	L	296.2	307.1	1441	41.7	3	0	No Failure	
1010	M15869	M	296.2	307.2	1385	44	5	0	No Failure	
1011	M15870	M	296.2	307.2	1552	34.8	8	0	No Failure	
1012	M15871	M	296.2	307.3	1451	42.8	11	0	No Failure	
1013	M15872	M	296.1	307.1	1433	38.5	14	0	No Failure	
1014	M15873	M	296.1	307.2	1619	29.7	17	0	No Failure	
1015	L48194	L	296.2	307.2	1445	41.8	20	0	No Failure	
1016	L48195	L	296.2	307.2	1356	43.6	22	0	No Failure	
1017	M15876	M	296.3	307.2	1319	68.3	24	1	Power Failure	
1018	L48197	L	296.3	307.2	1637	31.6	27	0	No Failure	
1019	L48198	L	296.3	307.2	1291	58.6	29	0	No Failure	
1020	L48199	L	296.3	307.3	1398	52.7	31	0	No Failure	
1021	L48200	L	296.3	307.3	1372	57.7	33	0	No Failure	
1022	M15881	M	296.3	307.2	1454	42.5	35	0	No Failure	
1023	L48202	L	296.2	307.2	1515	36.5	38	0	No Failure	
1024	L48203	L	296.2	307.3	1881	24.3	40	0	No Failure	
1025	L48204	L	296.2	307.3	1711	29.9	42	0	No Failure	

1026	L48205	L	296.2	307.3	1475	37	44	0	No Failure	
1027	L48206	L	296.4	307.4	1512	36.8	46	0	No Failure	
1028	M15887	M	296.3	307.4	1335	50.5	48	0	No Failure	
1029	L48208	L	296.3	307.4	1472	39.9	51	0	No Failure	
1030	M15889	M	296.2	307.3	1477	35.2	53	0	No Failure	
1031	L48210	L	296.3	307.4	1760	28.4	56	0	No Failure	
1032	L48211	L	296.4	307.5	1549	36.1	58	0	No Failure	
1033	L48212	L	296.3	307.4	1648	34	60	0	No Failure	
1034	H30447	H	296.4	307.5	1556	38	62	0	No Failure	
1035	M15894	M	296.3	307.4	1958	19.1	67	0	No Failure	
1036	L48215	L	296.4	307.4	1403	48.4	70	0	No Failure	
1037	M15896	M	296.4	307.5	1684	31.4	72	0	No Failure	
1038	H30451	H	296.4	307.5	1596	35.1	75	0	No Failure	
1039	L48218	L	296.6	307.6	1498	41.1	80	0	No Failure	
1040	L48219	L	296.7	307.7	1524	36.8	82	0	No Failure	
1041	L48220	L	296.7	307.7	1502	43.9	84	0	No Failure	
1042	L48221	L	296.6	307.6	1809	25.1	86	0	No Failure	
1043	L48222	L	296.6	307.6	1542	37.4	88	0	No Failure	
1044	L48223	L	296.5	307.6	1431	45.2	90	0	No Failure	
1045	L48224	L	296.5	307.6	1512	43.6	92	0	No Failure	
1046	H30459	H	296.4	307.5	1403	52.8	94	0	No Failure	
1047	L48226	L	296.4	307.5	1331	47.8	99	0	No Failure	
1048	M15907	M	296.6	307.7	1474	52.6	101	0	No Failure	
1049	L48228	L	296.5	307.6	1607	33.5	104	0	No Failure	
1050	L48229	L	296.5	307.6	1415	44.2	106	0	No Failure	
1051	L48230	L	296.6	307.6	1671	28.8	108	0	No Failure	
1052	L48231	L	296.6	307.7	1556	37.7	110	0	No Failure	
1053	L48232	L	296.7	307.7	1927	23.9	112	0	No Failure	
1054	M15913	M	296.7	307.7	1597	32.1	114	0	No Failure	
1055	H30468	H	296.8	307.8	1627	30.5	117	0	No Failure	
1056	L48235	L	296.8	307.8	1480	39.4	122	0	No Failure	
1057	L48236	L	296.8	307.8	1565	39.5	124	0	No Failure	
1058	L48237	L	296.8	307.8	1573	36.4	126	0	No Failure	
1059	L48238	L	296.7	307.8	1605	31.3	128	0	No Failure	
1060	M15919	M	296.7	307.9	1874	21.3	130	0	No Failure	
1061	H30474	H	296.7	307.9	1424	53.8	133	0	No Failure	
1062	L48241	L	296.7	307.9	1420	50.1	138	0	No Failure	
1063	L48242	L	296.8	307.9	1372	49	140	0	No Failure	

1064	M15923	M	296.8	307.8	1664	32.8	142	0	No Failure	
1065	M15924	M	296.8	307.9	1409	44.3	145	0	No Failure	
1066	L48245	L	296.8	307.9	1718	25.2	148	0	No Failure	
1067	M15926	M	296.9	307.8	1544	40.3	150	0	No Failure	
1068	L48247	L	296.9	307.8	1466	45.7	153	0	No Failure	
1069	L48248	L	296.8	307.8	1394	47.7	155	0	No Failure	
1070	M15929	M	296.9	307.8	1840	24.6	157	0	No Failure	
1071	M15930	M	296.9	307.8	1477	37.2	160	0	No Failure	
1072	L48251	L	296.9	307.8	1425	49.1	163	0	No Failure	
1073	M15932	M	297	307.9	1414	46.2	165	0	No Failure	
1074	L48253	L	297	307.8	1414	47.5	168	0	No Failure	
1075	L48254	L	297	307.9	1595	31.7	170	0	No Failure	
1076	H30489	H	296.9	307.8	1345	54.5	172	0	No Failure	
1077	L48256	L	296.9	307.7	1653	35.9	177	0	No Failure	
1078	L48257	L	296.8	307.6	1547	36.5	179	0	No Failure	
1079	H30492	H	296.9	307.7	1656	30.8	181	0	No Failure	
1080	L48259	L	297	307.7	1731	28.5	186	0	No Failure	
1081	L48260	L	297	307.8	1774	28	188	0	No Failure	
1082	L48261	L	297	307.8	1521	40.2	190	0	No Failure	
1083	H30496	H	297.1	307.9	1420	39.8	192	0	No Failure	
1084	L48263	L	297	307.8	1683	32.3	197	0	No Failure	
1085	M15944	M	297	307.7	1498	47.1	199	0	No Failure	
1086	L48265	L	297	307.8	1385	56.4	202	1	Overstrain Failure	
1087	L48266	L	297	307.9	1455	49	204	0	No Failure	
1088	H30501	H	296.9	307.8	1549	35.8	206	1	Tool Wear Failure	
1089	M15948	M	296.9	307.8	1392	43.9	0	0	No Failure	
1090	M15949	M	296.9	307.7	2008	17.5	3	0	No Failure	
1091	L48270	L	296.9	307.7	1464	41.4	6	0	No Failure	
1092	L48271	L	297	307.7	1447	46.4	8	0	No Failure	
1093	M15952	M	296.9	307.6	1685	32	10	0	No Failure	
1094	M15953	M	296.8	307.5	1443	39.2	13	0	No Failure	
1095	L48274	L	296.9	307.5	1354	44.4	16	0	No Failure	
1096	L48275	L	296.9	307.5	2721	9.3	18	1	Power Failure	
1097	L48276	L	297	307.6	1680	35.8	20	0	No Failure	
1098	H30511	H	296.9	307.5	1397	48.3	22	0	No Failure	
1099	M15958	M	296.9	307.4	1521	37.9	27	0	No Failure	
1100	M15959	M	296.8	307.4	1472	43.9	30	0	No Failure	
1101	H30514	H	296.8	307.5	1695	30	33	0	No Failure	

1102	H30515	H	296.7	307.5	1607	33.6	38	0	No Failure	
1103	L48282	L	296.8	307.5	1347	54.8	43	0	No Failure	
1104	M15963	M	296.7	307.4	1540	38.7	45	0	No Failure	
1105	L48284	L	296.6	307.4	1389	42.7	48	0	No Failure	
1106	M15965	M	296.6	307.5	1734	27	50	0	No Failure	
1107	L48286	L	296.7	307.6	1540	38.6	53	0	No Failure	
1108	M15967	M	296.7	307.5	1515	42.1	55	0	No Failure	
1109	L48288	L	296.6	307.4	1504	45.8	58	0	No Failure	
1110	L48289	L	296.6	307.5	1557	35.1	60	0	No Failure	
1111	L48290	L	296.5	307.4	1292	52.5	62	0	No Failure	
1112	H30525	H	296.5	307.4	1432	49.2	64	0	No Failure	
1113	M15972	M	296.5	307.4	1350	55.6	69	0	No Failure	
1114	M15973	M	296.6	307.4	1790	25.8	72	0	No Failure	
1115	H30528	H	296.4	307.3	1540	37.4	75	0	No Failure	
1116	M15975	M	296.4	307.3	2077	19.1	80	0	No Failure	
1117	L48296	L	296.4	307.3	1487	37.5	83	0	No Failure	
1118	L48297	L	296.5	307.4	1523	40.7	85	0	No Failure	
1119	L48298	L	296.5	307.5	1443	41.8	87	0	No Failure	
1120	L48299	L	296.5	307.5	1340	59.1	89	0	No Failure	
1121	H30534	H	296.6	307.7	1654	31	91	0	No Failure	
1122	L48301	L	296.6	307.6	1459	40.2	96	0	No Failure	
1123	L48302	L	296.5	307.6	1541	38.5	98	0	No Failure	
1124	H30537	H	296.6	307.7	1386	62.3	100	1	Power Failure	
1125	M15984	M	296.7	307.8	1258	69	105	1	Power Failure	
1126	M15985	M	296.7	307.8	1375	51.4	108	0	No Failure	
1127	L48306	L	296.8	307.9	1706	30.8	111	0	No Failure	
1128	M15987	M	296.7	307.8	1672	32.4	113	0	No Failure	
1129	M15988	M	296.8	307.9	1843	25.2	116	0	No Failure	
1130	L48309	L	296.7	307.9	1690	29.6	119	0	No Failure	
1131	L48310	L	296.8	307.9	1413	46.5	121	0	No Failure	
1132	L48311	L	296.8	307.9	1489	33.4	123	0	No Failure	
1133	L48312	L	296.8	307.9	1271	61.4	125	0	No Failure	
1134	M15993	M	296.8	307.9	1418	47.9	127	0	No Failure	
1135	M15994	M	296.9	307.8	1426	50.7	130	0	No Failure	
1136	L48315	L	296.9	307.9	1535	39.2	133	0	No Failure	
1137	L48316	L	296.9	307.8	1557	38.1	135	0	No Failure	
1138	L48317	L	296.9	307.8	1653	29.7	137	0	No Failure	
1139	L48318	L	296.9	307.9	1435	41.6	139	0	No Failure	

1140	M15999	M	297	307.9	1569	33.3	141	0	No Failure	
1141	M16000	M	296.9	307.9	1385	44.8	144	0	No Failure	
1142	L48321	L	297	307.9	1635	31.6	147	0	No Failure	
1143	L48322	L	296.9	307.9	1423	43.9	149	0	No Failure	
1144	L48323	L	297	307.9	1479	39.2	151	0	No Failure	
1145	L48324	L	297	307.9	1296	69.1	153	1	Power Failure	
1146	L48325	L	297	307.8	1553	33.3	155	0	No Failure	
1147	L48326	L	297	307.9	1529	42.2	157	0	No Failure	
1148	M16007	M	297.1	308	1690	25.6	159	0	No Failure	
1149	L48328	L	297.1	308	1348	58	162	0	No Failure	
1150	L48329	L	297.2	308.1	1446	38.5	164	0	No Failure	
1151	L48330	L	297.1	307.9	1456	50	166	0	No Failure	
1152	L48331	L	297	307.9	1350	47.7	168	0	No Failure	
1153	L48332	L	297.1	307.9	1507	38.3	170	0	No Failure	
1154	H30567	H	297	307.9	1448	45.6	172	0	No Failure	
1155	L48334	L	296.9	307.9	1626	29.9	177	0	No Failure	
1156	H30569	H	297	307.9	1846	27.3	179	0	No Failure	
1157	H30570	H	297	307.8	1404	40.7	184	0	No Failure	
1158	L48337	L	297	307.8	1583	37.2	189	0	No Failure	
1159	L48338	L	297	307.9	1436	47.7	191	0	No Failure	
1160	L48339	L	297	307.8	1609	35.6	193	0	No Failure	
1161	H30574	H	297	307.7	1834	23.8	195	0	No Failure	
1162	L48341	L	297	307.8	1316	61.2	200	1	Overstrain Failure	
1163	L48342	L	296.9	307.8	1400	57.1	202	1	Overstrain Failure	
1164	L48343	L	296.9	307.9	1367	47.1	204	0	No Failure	
1165	L48344	L	297.1	308.1	1754	30.3	206	0	No Failure	
1166	L48345	L	297.1	308.1	1487	34.6	208	0	No Failure	
1167	M16026	M	297.1	308.1	1506	37.7	210	0	No Failure	
1168	L48347	L	297	308.1	1362	52.5	213	1	Overstrain Failure	
1169	L48348	L	297.1	308.1	1584	36.8	215	0	No Failure	
1170	L48349	L	297	308.1	1355	43.7	217	0	No Failure	
1171	M16030	M	297.1	308.1	1823	24.3	219	0	No Failure	
1172	H30585	H	297	308.1	1517	41.4	222	0	No Failure	
1173	L48352	L	297.1	308.1	1446	36.6	227	0	No Failure	
1174	H30587	H	297.1	308	1559	38.8	229	0	No Failure	
1175	M16034	M	297.1	308.1	1352	44.4	0	0	No Failure	
1176	M16035	M	297.2	308.3	1578	37.8	3	0	No Failure	
1177	M16036	M	297.2	308.3	1429	42	6	0	No Failure	

1178	M16037	M	297.2	308.3	1604	39.4	9	0	No Failure	
1179	L48358	L	297.3	308.5	1398	60.4	12	0	No Failure	
1180	L48359	L	297.3	308.4	1441	43.4	14	0	No Failure	
1181	H30594	H	297.3	308.4	1531	35.6	16	0	No Failure	
1182	L48361	L	297.2	308.3	1379	52.1	21	0	No Failure	
1183	L48362	L	297.3	308.3	1410	48.1	23	0	No Failure	
1184	L48363	L	297.3	308.4	1513	40.5	25	0	No Failure	
1185	L48364	L	297.3	308.5	1497	47.5	27	0	No Failure	
1186	L48365	L	297.3	308.4	1491	46.5	29	0	No Failure	
1187	L48366	L	297.3	308.4	1417	47.8	31	0	No Failure	
1188	M16047	M	297.4	308.6	1522	38	33	0	No Failure	
1189	L48368	L	297.3	308.4	1339	52.1	36	0	No Failure	
1190	M16049	M	297.2	308.3	1794	27.5	38	0	No Failure	
1191	L48370	L	297.2	308.4	1460	42.1	41	0	No Failure	
1192	M16051	M	297.2	308.3	1776	28	43	0	No Failure	
1193	M16052	M	297.2	308.3	1431	43.7	46	0	No Failure	
1194	L48373	L	297.1	308.2	1347	50.8	49	0	No Failure	
1195	M16054	M	297	308.1	1507	43.1	51	0	No Failure	
1196	M16055	M	297	308	1408	47.9	54	0	No Failure	
1197	M16056	M	297	307.9	1493	34.7	57	0	No Failure	
1198	M16057	M	296.9	307.9	1441	47.6	60	0	No Failure	
1199	H30612	H	296.9	307.9	1557	36.5	63	0	No Failure	
1200	M16059	M	296.9	307.9	1979	20.4	68	0	No Failure	
1201	M16060	M	296.9	308	1430	55.9	71	0	No Failure	
1202	L48381	L	296.9	308	1658	41	74	0	No Failure	
1203	M16062	M	297	308.1	1355	51.4	76	0	No Failure	
1204	H30617	H	297	308.1	1410	47.6	79	0	No Failure	
1205	L48384	L	296.9	308	1521	34.5	84	0	No Failure	
1206	L48385	L	296.8	308	1371	54.5	86	0	No Failure	
1207	H30620	H	296.9	308	1318	53.5	88	0	No Failure	
1208	M16067	M	297	308.1	1573	34.9	93	0	No Failure	
1209	L48388	L	297	308.1	1489	44.1	96	0	No Failure	
1210	H30623	H	297	308.1	2540	13.3	98	0	No Failure	
1211	L48390	L	297	308.1	1537	39	103	0	No Failure	
1212	H30625	H	296.9	308	1416	46.9	105	0	No Failure	
1213	L48392	L	296.9	307.9	1359	56.5	110	0	No Failure	
1214	M16073	M	296.8	307.8	1551	38.9	112	0	No Failure	
1215	M16074	M	296.8	307.8	1694	33	115	0	No Failure	

1216	L48395	L	296.8	307.9	1709	28.4	118	0	No Failure	
1217	L48396	L	296.9	308	1514	41	120	0	No Failure	
1218	L48397	L	297	308.1	1455	43.5	122	0	No Failure	
1219	M16078	M	297	308.2	1702	30.7	124	0	No Failure	
1220	M16079	M	296.9	308.1	1357	41.8	127	0	No Failure	
1221	L48400	L	297	308.2	1577	29.4	130	0	No Failure	
1222	M16081	M	297	308.3	1399	46.4	132	0	Random Failures	
1223	L48402	L	297	308.3	1399	59	135	0	No Failure	
1224	L48403	L	297	308.3	1492	48.1	137	0	No Failure	
1225	L48404	L	297.1	308.3	1763	25.7	139	0	No Failure	
1226	H30639	H	297.1	308.3	1492	41.5	141	0	No Failure	
1227	L48406	L	297.1	308.4	1488	42.5	146	0	No Failure	
1228	L48407	L	297.1	308.4	1422	42.1	148	0	No Failure	
1229	M16088	M	297.1	308.4	1583	38.2	150	0	No Failure	
1230	L48409	L	297.1	308.4	1304	53.5	153	0	No Failure	
1231	M16090	M	297.1	308.4	1880	23.5	155	0	No Failure	
1232	M16091	M	297.2	308.5	1604	40.7	158	0	No Failure	
1233	L48412	L	297.2	308.6	1500	37.1	161	0	No Failure	
1234	M16093	M	297.2	308.5	1364	55.6	163	0	No Failure	
1235	H30648	H	297.2	308.5	2440	14	166	0	No Failure	
1236	H30649	H	297.1	308.4	1654	31.4	171	0	No Failure	
1237	H30650	H	297.1	308.4	1359	46.6	176	0	No Failure	
1238	M16097	M	297.1	308.4	1502	37.3	181	0	No Failure	
1239	M16098	M	297.1	308.4	1615	32.6	184	0	No Failure	
1240	H30653	H	297.2	308.5	1482	39.3	187	0	No Failure	
1241	L48420	L	297.2	308.6	1636	31.3	192	0	No Failure	
1242	M16101	M	297.1	308.5	1621	32.4	194	0	No Failure	
1243	L48422	L	297.1	308.4	1468	44.4	197	0	No Failure	
1244	M16103	M	297.1	308.4	1432	53.4	199	0	No Failure	
1245	L48424	L	297.1	308.4	1726	28.4	202	0	No Failure	
1246	M16105	M	297.1	308.4	1588	33.4	204	0	No Failure	
1247	H30660	H	297.2	308.5	1653	33.3	207	0	No Failure	
1248	L48427	L	297.2	308.5	1513	42.9	212	0	No Failure	
1249	L48428	L	297.2	308.6	1489	40.2	214	0	No Failure	
1250	L48429	L	297.3	308.7	1467	36.8	216	0	No Failure	
1251	L48430	L	297.3	308.7	1549	36.1	218	0	No Failure	
1252	M16111	M	297.4	308.8	1359	48.7	220	0	No Failure	
1253	L48432	L	297.5	308.8	1533	41.5	223	0	No Failure	

1254	L48433	L	297.5	308.8	1309	57.3	0	0	No Failure	
1255	H30668	H	297.5	308.8	1430	49.4	2	0	No Failure	
1256	H30669	H	297.5	308.9	1419	50.7	7	0	No Failure	
1257	M16116	M	297.5	308.9	1535	37.7	12	0	No Failure	
1258	L48437	L	297.5	308.9	1466	43	15	0	No Failure	
1259	L48438	L	297.5	308.9	1427	50.4	17	0	No Failure	
1260	M16119	M	297.5	308.9	1280	48.5	19	0	No Failure	
1261	L48440	L	297.6	309	1528	33.8	22	0	No Failure	
1262	H30675	H	297.6	309	1885	25.2	24	0	No Failure	
1263	H30676	H	297.8	309.2	1648	33	29	0	No Failure	
1264	L48443	L	297.8	309.2	1400	56.9	34	0	No Failure	
1265	M16124	M	297.8	309.3	2243	15.7	36	0	No Failure	
1266	L48445	L	297.9	309.4	1558	35.7	39	0	No Failure	
1267	L48446	L	298	309.6	1633	34.8	41	0	No Failure	
1268	M16127	M	298.1	309.6	1549	38.7	43	0	No Failure	
1269	L48448	L	298	309.5	1496	45.8	46	0	No Failure	
1270	L48449	L	298.1	309.5	1467	41.8	48	0	No Failure	
1271	M16130	M	298	309.4	1276	65.9	50	0	No Failure	
1272	H30685	H	298	309.4	1490	40.5	53	0	No Failure	
1273	H30686	H	298	309.4	1562	38.1	58	0	No Failure	
1274	L48453	L	298.1	309.4	1397	48.2	63	0	No Failure	
1275	H30688	H	298.1	309.5	1530	40.2	65	0	No Failure	
1276	M16135	M	298.1	309.4	1362	47.6	70	0	No Failure	
1277	M16136	M	298.2	309.4	1693	34.4	73	0	No Failure	
1278	M16137	M	298.2	309.4	1408	46.5	76	0	No Failure	
1279	L48458	L	298.2	309.4	1398	52.9	79	0	No Failure	
1280	M16139	M	298.3	309.6	1531	40.1	81	0	No Failure	
1281	H30694	H	298.3	309.5	1521	37.1	84	0	No Failure	
1282	H30695	H	298.3	309.5	1427	54.3	89	0	No Failure	
1283	L48462	L	298.3	309.4	1546	36.1	94	0	No Failure	
1284	L48463	L	298.3	309.4	1356	45.4	96	0	No Failure	
1285	L48464	L	298.4	309.5	2153	15.3	98	1	Power Failure	
1286	M16145	M	298.5	309.6	1492	41.7	100	0	No Failure	
1287	L48466	L	298.5	309.6	1582	40.3	103	0	No Failure	
1288	L48467	L	298.5	309.6	1419	41.5	105	0	No Failure	
1289	M16148	M	298.5	309.6	1441	48.2	107	0	No Failure	
1290	M16149	M	298.6	309.7	1635	32.2	110	0	No Failure	
1291	L48470	L	298.6	309.7	1429	45.8	113	0	No Failure	

1292	M16151	M	298.6	309.7	1675	28.4	115	0	No Failure	
1293	M16152	M	298.7	309.7	1868	23.8	118	0	No Failure	
1294	H30707	H	298.7	309.8	1582	33.4	121	0	No Failure	
1295	L48474	L	298.8	309.9	1486	40.3	126	0	No Failure	
1296	L48475	L	298.7	309.8	1402	54.3	128	0	No Failure	
1297	L48476	L	298.7	309.9	1621	34.1	130	0	No Failure	
1298	L48477	L	298.8	309.9	1428	42.4	132	0	No Failure	
1299	M16158	M	298.7	309.8	1343	53.6	134	0	No Failure	
1300	M16159	M	298.7	309.9	1458	40.2	137	0	No Failure	
1301	L48480	L	298.7	309.8	1322	57	140	0	No Failure	
1302	L48481	L	298.7	309.9	1483	32.8	142	0	No Failure	
1303	L48482	L	298.6	309.8	1505	45.7	144	0	Random Failures	
1304	L48483	L	298.7	309.9	1593	42.5	146	0	No Failure	
1305	L48484	L	298.8	310	2098	19.6	148	0	No Failure	
1306	L48485	L	298.8	310	1672	30.4	150	0	No Failure	
1307	L48486	L	298.8	310	1487	41.4	152	0	No Failure	
1308	L48487	L	298.8	310	1423	42.1	154	0	No Failure	
1309	L48488	L	298.9	310.1	1750	25	156	0	No Failure	
1310	L48489	L	298.9	310.2	1654	31.1	158	0	No Failure	
1311	L48490	L	298.9	310.2	1498	50.2	160	0	No Failure	
1312	L48491	L	298.9	310.1	1587	30.2	162	0	No Failure	
1313	L48492	L	298.9	310.1	1473	42.6	164	0	No Failure	
1314	L48493	L	298.9	310.2	1359	56.9	166	0	No Failure	
1315	M16174	M	299	310.3	1635	34.5	168	0	No Failure	
1316	L48495	L	299	310.3	1520	45	171	0	No Failure	
1317	L48496	L	299	310.3	1507	36.7	173	0	No Failure	
1318	L48497	L	299	310.3	1428	46.3	175	0	No Failure	
1319	M16178	M	299	310.3	1582	33.3	177	0	No Failure	
1320	L48499	L	299	310.3	1929	24.4	180	0	No Failure	
1321	M16180	M	299	310.3	1540	38.1	182	0	No Failure	
1322	L48501	L	298.9	310.2	1362	53	185	0	No Failure	
1323	H30736	H	298.9	310.1	1452	49.9	187	0	No Failure	
1324	L48503	L	298.9	310.1	1361	51.7	192	0	No Failure	
1325	M16184	M	298.8	310.1	1243	74.5	194	1	Power Failure	
1326	H30739	H	298.8	310.1	1567	36.8	197	0	No Failure	
1327	L48506	L	298.9	310.2	1411	46.5	202	0	No Failure	
1328	L48507	L	298.8	310.2	1814	26.8	204	0	No Failure	
1329	M16188	M	298.8	310.1	1719	28.8	206	0	No Failure	

1330	H30743	H	298.8	310.2	1663	30.4	209	0	No Failure	
1331	L48510	L	298.9	310.2	1696	30.2	214	0	No Failure	
1332	H30745	H	298.9	310.2	1771	26.8	216	0	No Failure	
1333	L48512	L	299	310.3	1868	24	221	0	No Failure	
1334	M16193	M	299	310.3	1558	35.4	223	0	No Failure	
1335	L48514	L	299	310.4	1365	49.1	226	1	Overstrain Failure	
1336	L48515	L	299	310.4	1371	53.8	228	1	Overstrain Failure	
1337	L48516	L	298.9	310.3	1583	32.6	230	0	No Failure	
1338	H30751	H	298.7	310.2	1613	36	0	0	No Failure	
1339	L48518	L	298.6	310.1	1721	27.2	5	0	No Failure	
1340	M16199	M	298.6	310.2	1668	31.5	7	0	No Failure	
1341	L48520	L	298.6	310.2	1569	36.3	10	0	No Failure	
1342	M16201	M	298.6	310.2	1328	50.5	12	0	No Failure	
1343	M16202	M	298.6	310.1	1596	33	15	0	No Failure	
1344	L48523	L	298.5	310.2	1676	32.7	18	0	No Failure	
1345	L48524	L	298.5	310.1	1809	28.9	20	0	No Failure	
1346	L48525	L	298.5	310	1804	26.1	22	0	No Failure	
1347	L48526	L	298.6	310.1	1533	33.9	24	0	No Failure	
1348	L48527	L	298.7	310.2	1717	27.3	26	0	No Failure	
1349	L48528	L	298.7	310.2	1363	45.5	28	0	No Failure	
1350	L48529	L	298.7	310.2	1402	45.9	30	0	No Failure	
1351	L48530	L	298.7	310.2	1436	47.5	32	0	No Failure	
1352	L48531	L	298.7	310.2	1525	43.7	34	0	No Failure	
1353	M16212	M	298.7	310.2	1598	33.3	36	0	No Failure	
1354	M16213	M	298.6	310.1	1444	48.1	39	0	No Failure	
1355	L48534	L	298.6	310	1334	48	42	0	No Failure	
1356	M16215	M	298.6	310	1681	35.5	44	0	No Failure	
1357	L48536	L	298.6	309.9	1593	37.4	47	0	No Failure	
1358	L48537	L	298.6	309.9	1461	45.7	49	0	No Failure	
1359	M16218	M	298.7	310.1	1693	31.9	51	0	No Failure	
1360	L48539	L	298.7	310.2	1404	50.3	54	0	No Failure	
1361	H30774	H	298.8	310.2	1707	27.6	56	0	No Failure	
1362	M16221	M	298.6	310.1	1458	41.9	61	0	No Failure	
1363	L48542	L	298.6	310	1517	41.2	64	0	No Failure	
1364	L48543	L	298.7	310.1	1433	54.6	66	0	No Failure	
1365	L48544	L	298.7	310.2	1566	33.1	68	0	No Failure	
1366	L48545	L	298.7	310.1	1676	33.5	70	0	No Failure	
1367	M16226	M	298.7	310.1	1368	56.8	72	0	No Failure	

1368	M16227	M	298.8	310.2	1581	37.5	75	0	No Failure	
1369	H30782	H	298.8	310.3	1708	27.1	78	0	No Failure	
1370	M16229	M	298.7	310.3	1481	41.5	83	0	No Failure	
1371	L48550	L	298.7	310.3	1451	40	86	0	No Failure	
1372	M16231	M	298.7	310.3	1495	38.7	88	0	No Failure	
1373	M16232	M	298.8	310.3	1573	41.8	91	0	No Failure	
1374	M16233	M	298.8	310.3	1366	59	94	0	No Failure	
1375	L48554	L	298.8	310.3	1553	36.8	97	0	No Failure	
1376	M16235	M	298.8	310.3	1528	37.1	99	0	No Failure	
1377	M16236	M	298.8	310.2	1527	31.2	102	0	No Failure	
1378	L48557	L	298.8	310.2	1461	46.7	105	0	No Failure	
1379	H30792	H	298.8	310.2	1455	44.9	107	0	No Failure	
1380	L48559	L	298.7	310.1	1620	34.8	112	0	No Failure	
1381	L48560	L	298.7	310.1	1786	27.7	114	0	No Failure	
1382	M16241	M	298.8	310.2	1583	35.7	116	0	No Failure	
1383	L48562	L	298.8	310.1	1653	30.3	119	0	No Failure	
1384	M16243	M	298.9	310.2	1331	49	121	0	No Failure	
1385	L48564	L	298.9	310.3	1484	43.8	124	0	No Failure	
1386	M16245	M	298.9	310.2	1603	36.1	126	0	No Failure	
1387	L48566	L	298.9	310.2	1445	40	129	0	No Failure	
1388	L48567	L	298.9	310.1	1823	26.1	131	0	No Failure	
1389	H30802	H	298.9	310.1	1491	45.3	133	0	No Failure	
1390	L48569	L	298.9	310.2	1533	42.8	138	0	No Failure	
1391	L48570	L	298.9	310.2	1409	54.8	140	0	No Failure	
1392	L48571	L	298.9	310.2	2737	8.8	142	1	Power Failure	
1393	M16252	M	299	310.3	1494	46.6	144	0	No Failure	
1394	L48573	L	299.1	310.4	1594	33.3	147	0	No Failure	
1395	L48574	L	299.1	310.4	1527	44	149	0	No Failure	
1396	L48575	L	299.1	310.4	1452	39.7	151	0	No Failure	
1397	L48576	L	299	310.3	1483	39.2	153	0	No Failure	
1398	L48577	L	299.1	310.2	1569	38.2	155	0	No Failure	
1399	L48578	L	299.1	310.3	1472	46.6	157	0	No Failure	
1400	L48579	L	299	310.2	1533	43.5	159	0	No Failure	
1401	H30814	H	298.9	310.1	1366	62.7	161	0	No Failure	
1402	H30815	H	298.9	310.2	1532	37.7	166	0	No Failure	
1403	M16262	M	298.9	310.1	1313	56.8	171	0	No Failure	
1404	L48583	L	299	310.2	1372	48	174	0	No Failure	
1405	M16264	M	298.9	310.1	1555	40.6	176	0	No Failure	

1406	L48585	L	298.9	310.1	1394	42.7	179	0	No Failure	
1407	L48586	L	298.9	310.1	1442	48	181	0	No Failure	
1408	L48587	L	298.9	310	1564	33.8	183	0	No Failure	
1409	L48588	L	298.9	310	1452	48.9	185	0	No Failure	
1410	L48589	L	298.9	310.1	1466	42.5	187	0	No Failure	
1411	M16270	M	298.9	310.1	1469	53.2	189	0	No Failure	
1412	L48591	L	298.9	310.1	1944	23.4	192	0	No Failure	
1413	M16272	M	298.8	309.9	1415	53.2	194	0	No Failure	
1414	M16273	M	298.7	309.8	1528	36.7	197	0	No Failure	
1415	M16274	M	298.7	309.8	1570	42.1	200	0	No Failure	
1416	L48595	L	298.7	309.9	1617	33	203	0	No Failure	
1417	M16276	M	298.7	309.9	2083	18.2	205	0	No Failure	
1418	L48597	L	298.7	309.9	1541	38.5	208	0	No Failure	
1419	L48598	L	298.8	309.9	1320	47.4	210	0	No Failure	
1420	L48599	L	298.7	309.8	1354	53.3	212	1	Overstrain Failure	
1421	M16280	M	298.8	309.9	1495	35.2	214	0	No Failure	
1422	L48601	L	298.7	309.8	1589	31.8	217	0	No Failure	
1423	L48602	L	298.7	309.8	1530	35.5	0	0	No Failure	
1424	L48603	L	298.7	309.8	1539	33.4	2	0	No Failure	
1425	L48604	L	298.7	309.7	1462	46.8	4	0	No Failure	
1426	L48605	L	298.6	309.7	1356	54	6	0	No Failure	
1427	M16286	M	298.7	309.7	1622	34.6	8	0	No Failure	
1428	L48607	L	298.7	309.8	1394	40.3	11	0	No Failure	
1429	L48608	L	298.8	309.9	1568	33.7	13	0	No Failure	
1430	M16289	M	298.9	310	1456	43.8	15	0	No Failure	
1431	L48610	L	298.9	310	1378	49.3	18	0	No Failure	
1432	M16291	M	298.9	309.9	1404	41.4	20	0	No Failure	
1433	L48612	L	298.8	309.8	1437	42.8	23	0	No Failure	
1434	L48613	L	298.8	309.8	1363	44	25	0	No Failure	
1435	M16294	M	298.8	309.8	1377	49.6	27	0	No Failure	
1436	H30849	H	298.8	309.9	1526	42.1	30	0	No Failure	
1437	H30850	H	298.8	309.8	1510	44.2	35	0	No Failure	
1438	H30851	H	298.8	309.9	1439	45.2	40	1	No Failure	
1439	L48618	L	298.8	309.9	1482	39.1	45	0	No Failure	
1440	M16299	M	298.8	309.8	1534	37	47	0	No Failure	
1441	M16300	M	298.8	309.9	1741	27.7	50	0	No Failure	
1442	L48621	L	298.8	309.9	1550	38.8	53	0	No Failure	
1443	M16302	M	298.8	310	1486	38.5	55	0	No Failure	

1444	L48623	L	298.9	310.1	1602	38.2	58	0	No Failure	
1445	L48624	L	299	310.2	1477	37.9	60	0	No Failure	
1446	L48625	L	299	310.1	1618	29.2	62	0	No Failure	
1447	M16306	M	299	310.2	1628	35.8	64	0	No Failure	
1448	M16307	M	299	310.3	1662	33.6	67	0	No Failure	
1449	M16308	M	299	310.3	1657	31	70	0	No Failure	
1450	H30863	H	299	310.4	1677	30.8	73	0	No Failure	
1451	M16310	M	299	310.3	1447	39.9	78	0	No Failure	
1452	L48631	L	298.9	310.4	1831	25.4	81	0	No Failure	
1453	L48632	L	299	310.3	1584	34.4	83	0	No Failure	
1454	L48633	L	299.1	310.4	1450	40.9	85	0	No Failure	
1455	L48634	L	299.1	310.4	1428	46.9	87	0	No Failure	
1456	L48635	L	299	310.4	1382	53	89	0	No Failure	
1457	L48636	L	299	310.3	1501	43	91	0	No Failure	
1458	L48637	L	299	310.3	1475	42.4	93	0	No Failure	
1459	L48638	L	298.9	310.3	1364	54	95	0	No Failure	
1460	L48639	L	299	310.3	1472	36.1	97	0	No Failure	
1461	L48640	L	299	310.3	1437	47.8	99	0	No Failure	
1462	L48641	L	298.9	310.2	1491	45.1	101	0	No Failure	
1463	L48642	L	298.9	310.2	1706	27.6	103	0	No Failure	
1464	L48643	L	298.8	310.1	1607	39.5	105	0	No Failure	
1465	L48644	L	298.8	310	1412	46.3	107	0	No Failure	
1466	L48645	L	298.7	309.8	1546	40.9	109	0	No Failure	
1467	L48646	L	298.7	309.8	1365	50.5	111	0	No Failure	
1468	L48647	L	298.6	309.8	1544	30.2	113	0	No Failure	
1469	M16328	M	298.6	309.8	1419	44.9	115	0	No Failure	
1470	L48649	L	298.6	309.8	1497	41.6	118	0	No Failure	
1471	L48650	L	298.5	309.7	1437	42.6	120	0	No Failure	
1472	L48651	L	298.5	309.6	1421	53.6	122	0	No Failure	
1473	M16332	M	298.5	309.6	1438	44.5	124	0	No Failure	
1474	M16333	M	298.5	309.5	1315	48.9	127	0	No Failure	
1475	M16334	M	298.5	309.5	1366	61.9	130	0	No Failure	
1476	M16335	M	298.4	309.5	1519	35.4	133	0	No Failure	
1477	L48656	L	298.4	309.5	1692	28.3	136	0	No Failure	
1478	L48657	L	298.3	309.4	1570	35.6	138	0	No Failure	
1479	L48658	L	298.3	309.4	1568	35.8	140	0	No Failure	
1480	L48659	L	298.2	309.3	1355	43.8	142	0	No Failure	
1481	M16340	M	298.2	309.3	2056	18.7	144	0	No Failure	

1482	M16341	M	298.2	309.2	1332	60.2	147	0	No Failure	
1483	M16342	M	298.1	309.1	1448	52.5	150	0	No Failure	
1484	L48663	L	298	308.9	1578	35.6	153	0	No Failure	
1485	M16344	M	298	309	1562	39.2	155	0	No Failure	
1486	M16345	M	298.1	309	1976	19.3	158	0	No Failure	
1487	M16346	M	298.2	309.2	1524	34.6	161	0	No Failure	
1488	L48667	L	298.2	309.1	1429	48.5	164	0	No Failure	
1489	L48668	L	298.2	309.1	1568	36.3	166	0	No Failure	
1490	M16349	M	298.2	309	1723	26.6	168	0	No Failure	
1491	L48670	L	298.2	309	1341	43.8	171	0	No Failure	
1492	M16351	M	298.1	308.9	1353	46.2	173	0	No Failure	
1493	M16352	M	298	308.7	1479	58.5	176	1	Power Failure	
1494	L48673	L	298	308.8	1496	44.9	179	0	No Failure	
1495	M16354	M	298	308.7	1377	48.5	181	0	No Failure	
1496	H30909	H	297.9	308.5	1383	44.6	184	0	No Failure	
1497	L48676	L	298	308.7	1268	69.4	189	1	Power Failure	
1498	L48677	L	298	308.7	1629	34.3	191	0	No Failure	
1499	L48678	L	298	308.8	1790	27.2	193	0	No Failure	
1500	M16359	M	298.1	308.8	2206	16.3	195	0	No Failure	
1501	M16360	M	298	308.7	2101	17.4	198	0	No Failure	
1502	M16361	M	298	308.7	1436	48.2	201	0	No Failure	
1503	L48682	L	298	308.7	1462	48.2	204	0	No Failure	
1504	L48683	L	298	308.7	1771	26.2	206	0	No Failure	
1505	L48684	L	298	308.7	1506	47	208	0	No Failure	
1506	L48685	L	298	308.7	1626	36.7	210	0	No Failure	
1507	L48686	L	298	308.8	1610	33.7	212	0	No Failure	
1508	M16367	M	298	308.6	1376	55.7	214	0	No Failure	
1509	M16368	M	298	308.6	1507	37.3	217	0	No Failure	
1510	L48689	L	298	308.5	1429	37.7	220	1	Tool Wear Failure	
1511	M16370	M	298.1	308.7	1547	38.9	0	0	No Failure	
1512	L48691	L	298.1	308.7	1642	30.3	3	0	No Failure	
1513	H30926	H	298	308.7	1503	36.3	5	0	No Failure	
1514	L48693	L	298.1	308.7	1568	32.9	10	0	No Failure	
1515	M16374	M	298.1	308.8	1628	37.6	12	0	No Failure	
1516	M16375	M	298.2	308.9	1614	35.5	15	0	No Failure	
1517	L48696	L	298.2	308.9	1278	54	18	0	No Failure	
1518	M16377	M	298.2	308.9	1408	38.8	20	0	No Failure	
1519	H30932	H	298.2	309	1371	55.7	23	0	No Failure	

1520	M16379	M	298.2	308.9	1512	38.5	28	0	No Failure	
1521	L48700	L	298.3	309.1	1472	40.1	31	0	No Failure	
1522	M16381	M	298.2	308.9	1585	34.3	33	0	No Failure	
1523	H30936	H	298.2	309	1562	37.7	36	0	No Failure	
1524	L48703	L	298.3	309	1519	36.9	41	0	No Failure	
1525	L48704	L	298.2	309	1601	35.8	43	0	No Failure	
1526	L48705	L	298.2	309	2449	13.8	45	0	No Failure	
1527	L48706	L	298.1	309	1787	27.6	47	0	No Failure	
1528	H30941	H	298.1	309.1	1425	44.5	49	0	No Failure	
1529	L48708	L	298.1	309	1559	34	54	0	No Failure	
1530	L48709	L	298.1	309	1557	36	56	0	No Failure	
1531	L48710	L	298.1	309	1497	40.5	58	0	No Failure	
1532	H30945	H	298.1	309	1438	41.4	60	0	No Failure	
1533	M16392	M	298.1	308.9	1417	39.2	65	0	No Failure	
1534	M16393	M	298	308.9	1339	51.4	68	0	No Failure	
1535	L48714	L	298	308.8	1757	29.1	71	0	No Failure	
1536	L48715	L	298	308.8	1581	36.1	73	0	No Failure	
1537	M16396	M	298.2	308.9	1326	54.4	75	0	No Failure	
1538	M16397	M	298.4	309.1	1467	39.6	78	0	No Failure	
1539	L48718	L	298.4	309.1	1798	29.6	81	0	No Failure	
1540	M16399	M	298.5	309.2	1449	46.4	83	0	No Failure	
1541	M16400	M	298.4	309.1	1525	39.3	86	0	No Failure	
1542	L48721	L	298.4	309	2304	15.1	89	0	No Failure	
1543	L48722	L	298.3	308.9	1379	54.7	91	0	No Failure	
1544	L48723	L	298.4	308.9	1628	34.9	93	0	No Failure	
1545	L48724	L	298.4	309	1474	52.7	95	0	No Failure	
1546	M16405	M	298.4	309	1544	38.8	97	0	No Failure	
1547	L48726	L	298.4	308.9	1391	48.4	100	0	No Failure	
1548	L48727	L	298.3	308.9	1348	55.5	102	0	No Failure	
1549	M16408	M	298.3	308.8	1349	52.1	104	0	No Failure	
1550	L48729	L	298.4	308.9	1706	29.5	107	0	No Failure	
1551	L48730	L	298.4	308.9	1638	32.4	109	0	No Failure	
1552	L48731	L	298.4	308.8	1458	40.1	111	0	No Failure	
1553	L48732	L	298.5	308.9	1781	27.8	113	0	No Failure	
1554	L48733	L	298.5	308.8	1332	59.1	115	0	No Failure	
1555	M16414	M	298.4	308.7	1584	31.7	117	0	No Failure	
1556	L48735	L	298.4	308.6	1491	42	120	0	No Failure	
1557	H30970	H	298.4	308.5	1398	47.1	122	0	No Failure	

1558	L48737	L	298.3	308.4	1585	30.6	127	0	No Failure	
1559	M16418	M	298.2	308.3	1476	43.5	129	0	No Failure	
1560	L48739	L	298.2	308.3	1458	41.8	132	0	No Failure	
1561	M16420	M	298.2	308.4	1510	39.9	134	0	No Failure	
1562	L48741	L	298.2	308.4	1388	53.8	137	0	No Failure	
1563	L48742	L	298.2	308.3	2216	16.8	139	0	No Failure	
1564	L48743	L	298.2	308.3	1402	51	141	0	No Failure	
1565	M16424	M	298	308.2	2090	19	143	0	No Failure	
1566	L48745	L	298	308.2	1459	42.1	146	0	No Failure	
1567	M16426	M	298	308.1	1403	44.8	148	0	No Failure	
1568	L48747	L	298.1	308.2	1521	39.3	151	0	No Failure	
1569	L48748	L	298.2	308.2	1407	47.1	153	0	No Failure	
1570	M16429	M	298.1	308.2	1654	35.3	155	0	No Failure	
1571	L48750	L	298.2	308.4	1452	43.5	158	0	No Failure	
1572	L48751	L	298.3	308.4	1528	37.3	160	0	No Failure	
1573	L48752	L	298.2	308.3	1230	59.6	162	0	No Failure	
1574	L48753	L	298.2	308.2	1466	42.4	164	0	No Failure	
1575	L48754	L	298.2	308.2	1478	50.1	166	0	No Failure	
1576	L48755	L	298.2	308.3	2057	18	168	0	No Failure	
1577	L48756	L	298.3	308.4	1490	41.7	170	0	No Failure	
1578	L48757	L	298.3	308.4	1484	43.4	172	0	No Failure	
1579	L48758	L	298.3	308.4	1593	37	174	0	No Failure	
1580	L48759	L	298.3	308.3	1444	43.8	176	0	No Failure	
1581	M16440	M	298.3	308.4	1444	47.5	178	0	No Failure	
1582	M16441	M	298.2	308.3	1560	33	181	0	No Failure	
1583	H30996	H	298.1	308.3	1530	42	184	0	No Failure	
1584	L48763	L	298.2	308.4	1310	61	189	1	Overstrain Failure	
1585	M16444	M	298.2	308.3	1639	33.3	191	0	No Failure	
1586	L48765	L	298.2	308.3	1400	48.7	194	0	No Failure	
1587	M16446	M	298.3	308.4	1486	44.2	196	0	No Failure	
1588	M16447	M	298.2	308.3	1448	43.3	199	0	No Failure	
1589	L48768	L	298.2	308.3	1688	32	202	0	No Failure	
1590	M16449	M	298.1	308.3	1453	41.5	204	0	No Failure	
1591	L48770	L	298.2	308.4	1497	37.7	207	0	No Failure	
1592	L48771	L	298.2	308.4	1355	49.4	209	0	No Failure	
1593	L48772	L	298.1	308.4	1592	38.2	211	0	No Failure	
1594	L48773	L	298	308.3	1544	34.7	213	0	No Failure	
1595	M16454	M	298	308.2	1373	51.2	215	0	No Failure	

1596	L48775	L	298	308.2	1365	52.9	218	1	Overstrain Failure	
1597	L48776	L	298	308.1	1877	24.3	0	0	No Failure	
1598	L48777	L	297.9	308.1	1531	40.8	2	0	No Failure	
1599	L48778	L	297.9	308	1501	36.7	4	0	No Failure	
1600	L48779	L	297.9	308	1490	46.2	6	0	No Failure	
1601	M16460	M	297.8	307.8	1543	43.7	8	0	No Failure	
1602	L48781	L	297.8	307.8	1597	38.2	11	0	No Failure	
1603	H31016	H	297.8	307.9	1600	33.5	13	0	No Failure	
1604	M16463	M	297.8	307.8	1622	32.1	18	0	No Failure	
1605	L48784	L	297.8	307.8	1452	39.8	21	0	No Failure	
1606	L48785	L	297.8	307.8	1396	42.5	23	0	No Failure	
1607	L48786	L	297.8	307.7	1505	39.7	25	0	No Failure	
1608	L48787	L	297.8	307.8	1412	48.3	27	0	No Failure	
1609	L48788	L	297.8	307.7	1393	38	29	0	No Failure	
1610	L48789	L	297.7	307.7	1581	34.9	31	0	No Failure	
1611	L48790	L	297.8	307.8	1573	37.9	33	0	No Failure	
1612	M16471	M	297.8	307.9	1726	27.3	35	0	No Failure	
1613	M16472	M	297.9	307.9	1540	39.8	38	0	No Failure	
1614	L48793	L	297.9	308	1296	62.9	41	0	No Failure	
1615	M16474	M	297.8	307.9	1802	25.8	43	0	No Failure	
1616	L48795	L	297.8	307.9	1447	48.6	46	0	No Failure	
1617	H31030	H	297.8	307.8	1662	30.7	48	0	No Failure	
1618	L48797	L	297.8	307.8	1563	34.3	53	0	No Failure	
1619	L48798	L	297.9	307.8	1286	59.5	55	0	No Failure	
1620	L48799	L	297.9	307.7	1590	34.6	57	0	No Failure	
1621	L48800	L	297.9	307.7	1492	43.7	59	0	No Failure	
1622	L48801	L	297.7	307.6	1844	21.9	61	0	No Failure	
1623	H31036	H	297.7	307.6	1538	38.3	63	0	No Failure	
1624	L48803	L	297.7	307.6	1921	22.9	68	0	No Failure	
1625	M16484	M	297.8	307.8	1310	57.9	70	0	No Failure	
1626	L48805	L	297.9	307.8	1365	46.9	73	0	No Failure	
1627	M16486	M	297.9	307.8	1303	59.3	75	0	No Failure	
1628	L48807	L	297.9	307.8	1499	37.5	78	0	No Failure	
1629	L48808	L	297.9	307.8	1451	38.2	80	0	No Failure	
1630	M16489	M	297.9	307.9	1336	54.4	82	0	No Failure	
1631	L48810	L	297.9	307.9	1412	44.5	85	0	No Failure	
1632	L48811	L	298	308	1433	39.2	87	0	No Failure	
1633	L48812	L	297.9	307.9	1426	43.6	89	0	No Failure	

1634	L48813	L	297.9	307.9	1476	45.2	91	0	No Failure	
1635	H31048	H	297.9	307.9	1406	58.5	93	0	No Failure	
1636	L48815	L	297.8	307.8	1383	56.5	98	0	No Failure	
1637	L48816	L	297.9	307.8	1505	37.3	100	0	No Failure	
1638	L48817	L	297.9	307.8	1665	33.9	102	0	No Failure	
1639	L48818	L	297.9	307.8	1397	45	104	0	No Failure	
1640	M16499	M	297.9	307.8	1450	43.5	106	0	No Failure	
1641	L48820	L	298	307.8	1567	36.4	109	0	No Failure	
1642	M16501	M	298	308	1555	37	111	0	No Failure	
1643	H31056	H	298	307.8	1588	35.4	114	0	No Failure	
1644	L48823	L	298	307.8	1453	37.7	119	0	No Failure	
1645	L48824	L	298	307.8	1622	33.3	121	0	No Failure	
1646	L48825	L	297.9	307.8	1538	38.5	123	0	No Failure	
1647	M16506	M	297.9	307.7	1527	42.8	125	0	No Failure	
1648	L48827	L	297.8	307.8	1761	28.9	128	0	No Failure	
1649	L48828	L	297.9	307.8	1373	50.2	130	0	No Failure	
1650	H31063	H	298	307.9	1482	37.8	132	0	No Failure	
1651	M16510	M	298	307.9	1417	51	137	0	No Failure	
1652	L48831	L	298	307.8	1414	51.7	140	0	No Failure	
1653	H31066	H	297.9	307.8	1635	34	142	0	No Failure	
1654	L48833	L	298	307.8	1386	57.3	147	0	No Failure	
1655	L48834	L	298.2	308.1	1379	62.3	149	0	No Failure	
1656	M16515	M	298.2	308	1577	35.9	151	0	No Failure	
1657	L48836	L	298.2	308.1	1532	42.5	154	0	No Failure	
1658	M16517	M	298.1	308	1374	48.8	156	0	No Failure	
1659	H31072	H	298.1	308	1570	35.3	159	0	No Failure	
1660	L48839	L	298.1	308	1697	31	164	0	No Failure	
1661	L48840	L	298.2	308	1499	44.1	166	0	No Failure	
1662	M16521	M	298.2	308	1411	47.2	168	0	No Failure	
1663	H31076	H	298.2	307.9	1462	45.5	171	0	No Failure	
1664	M16523	M	298.1	307.9	1759	28.6	176	0	No Failure	
1665	L48844	L	298.2	308	1535	38	179	0	No Failure	
1666	H31079	H	298.2	307.9	1491	39.7	181	0	No Failure	
1667	L48846	L	298.2	307.9	1551	36	186	0	No Failure	
1668	L48847	L	298.2	307.9	1769	27.2	188	0	No Failure	
1669	L48848	L	298.2	307.9	1551	34.1	190	0	No Failure	
1670	L48849	L	298.2	307.9	1544	31.4	192	0	No Failure	
1671	L48850	L	298.2	307.8	1528	31.1	194	0	No Failure	

1672	L48851	L	298.1	307.9	1614	35.8	196	0	No Failure	
1673	L48852	L	298.1	307.8	1432	49.8	198	0	No Failure	
1674	M16533	M	298.1	307.8	1384	43.7	200	0	No Failure	
1675	L48854	L	298.1	307.8	1540	37.8	203	0	No Failure	
1676	L48855	L	298	307.7	1407	43.9	205	0	No Failure	
1677	H31090	H	297.9	307.6	1418	43	207	0	No Failure	
1678	M16537	M	297.9	307.5	1647	30.8	212	0	No Failure	
1679	L48858	L	298	307.5	1644	32.8	215	0	No Failure	
1680	L48859	L	298	307.5	1792	27.9	217	0	No Failure	
1681	M16540	M	297.9	307.4	1610	34.6	219	0	No Failure	
1682	M16541	M	297.8	307.3	1804	26	222	0	No Failure	
1683	H31096	H	297.9	307.4	1604	36.1	225	1	Tool Wear Failure	
1684	M16543	M	297.9	307.4	1403	52.8	0	0	No Failure	
1685	L48864	L	297.8	307.3	1438	44.5	3	0	No Failure	
1686	L48865	L	297.9	307.3	1824	26.3	5	0	No Failure	
1687	H31100	H	297.9	307.3	1663	28.7	7	0	No Failure	
1688	L48867	L	297.9	307.3	1502	36.7	12	0	No Failure	
1689	L48868	L	297.9	307.4	1606	35.5	14	0	No Failure	
1690	L48869	L	297.9	307.5	1561	37.7	16	0	No Failure	
1691	M16550	M	297.9	307.4	1435	42.9	18	0	No Failure	
1692	L48871	L	297.9	307.5	1602	38.3	21	0	No Failure	
1693	M16552	M	298.1	307.6	1764	27.7	23	0	No Failure	
1694	H31107	H	298	307.5	1683	27.8	26	0	No Failure	
1695	L48874	L	298	307.5	1618	35.2	31	0	No Failure	
1696	L48875	L	298	307.6	1509	41.6	33	0	No Failure	
1697	L48876	L	297.9	307.6	1550	39	35	0	No Failure	
1698	M16557	M	297.9	307.6	1519	44	37	0	No Failure	
1699	L48878	L	297.9	307.6	1481	38	40	0	No Failure	
1700	L48879	L	298.1	307.7	1289	48.3	42	0	No Failure	
1701	M16560	M	298	307.6	1844	23.8	44	0	No Failure	
1702	L48881	L	298	307.7	1479	42.5	47	0	No Failure	
1703	L48882	L	298	307.7	1430	47.3	49	0	No Failure	
1704	M16563	M	298.1	307.8	1636	36.7	51	0	No Failure	
1705	M16564	M	298.1	307.8	1503	44.7	54	0	No Failure	
1706	M16565	M	298.1	307.8	1608	32.6	57	0	No Failure	
1707	L48886	L	298.2	307.8	1521	42.9	60	0	No Failure	
1708	L48887	L	298.2	307.8	1439	41.6	62	0	No Failure	
1709	L48888	L	298.2	307.8	1627	31.5	64	0	No Failure	

1710	L48889	L	298.2	307.8	1749	26.1	66	0	No Failure	
1711	L48890	L	298.2	307.8	1530	35.9	68	0	No Failure	
1712	L48891	L	298.2	307.8	1355	51.3	70	0	No Failure	
1713	L48892	L	298.3	307.9	1551	33.8	72	0	No Failure	
1714	L48893	L	298.2	307.8	1515	46.7	74	0	No Failure	
1715	L48894	L	298.2	307.8	1388	48.6	76	0	No Failure	
1716	L48895	L	298.2	307.8	1585	34.6	78	0	No Failure	
1717	L48896	L	298.1	307.7	1523	37.7	80	0	No Failure	
1718	L48897	L	298.2	307.6	1369	54.5	82	0	No Failure	
1719	M16578	M	298.2	307.7	1681	31	84	0	No Failure	
1720	L48899	L	298.2	307.7	1503	38.3	87	0	No Failure	
1721	L48900	L	298.2	307.7	1459	44.5	89	0	No Failure	
1722	L48901	L	298.2	307.7	1688	32.4	91	0	No Failure	
1723	M16582	M	298.2	307.7	1952	21.6	93	0	No Failure	
1724	L48903	L	298.2	307.8	2029	19.9	96	0	No Failure	
1725	M16584	M	298.3	307.8	1457	52.5	98	0	No Failure	
1726	M16585	M	298.3	307.8	1392	50.4	101	0	No Failure	
1727	L48906	L	298.3	307.8	1906	22.1	104	0	No Failure	
1728	M16587	M	298.3	307.7	1602	33.4	106	0	No Failure	
1729	L48908	L	298.3	307.7	1465	49.4	109	0	No Failure	
1730	M16589	M	298.3	307.7	1439	43.8	111	0	No Failure	
1731	M16590	M	298.3	307.8	1330	55.4	114	0	No Failure	
1732	M16591	M	298.3	307.9	1485	42	117	0	No Failure	
1733	H31146	H	298.4	307.9	1700	28.2	120	0	No Failure	
1734	L48913	L	298.4	308	1515	42.8	125	0	No Failure	
1735	M16594	M	298.5	308.1	1501	39.2	127	0	No Failure	
1736	L48915	L	298.4	308	1380	47.6	130	0	No Failure	
1737	L48916	L	298.4	307.9	1544	35.9	132	0	No Failure	
1738	L48917	L	298.4	307.9	1743	27.3	134	0	No Failure	
1739	H31152	H	298.4	307.9	1948	21.4	136	0	No Failure	
1740	H31153	H	298.5	307.9	1260	54.2	141	0	No Failure	
1741	M16600	M	298.5	307.9	1640	33.1	146	0	No Failure	
1742	M16601	M	298.5	308	1363	49.2	149	0	No Failure	
1743	L48922	L	298.5	308	1379	49.6	152	0	No Failure	
1744	M16603	M	298.5	308	1713	25.8	154	0	No Failure	
1745	M16604	M	298.5	308	1461	51.9	157	0	No Failure	
1746	L48925	L	298.5	308	1624	29.8	160	0	No Failure	
1747	L48926	L	298.4	308	1526	41.1	162	0	No Failure	

1748	L48927	L	298.4	307.9	2381	14.2	164	0	No Failure	
1749	H31162	H	298.4	307.7	1626	31.1	166	0	Random Failures	
1750	L48929	L	298.3	307.7	1576	33.8	171	0	No Failure	
1751	M16610	M	298.4	307.8	1617	31.6	173	0	No Failure	
1752	L48931	L	298.3	307.6	1942	20.6	176	0	No Failure	
1753	L48932	L	298.2	307.6	1492	37.2	178	0	No Failure	
1754	L48933	L	298.2	307.5	1470	51.3	180	0	No Failure	
1755	M16614	M	298	307.4	1463	46.5	182	0	No Failure	
1756	L48935	L	298	307.3	1424	46.5	185	0	No Failure	
1757	M16616	M	298.1	307.4	1363	60.1	187	0	No Failure	
1758	M16617	M	298.1	307.4	1335	56.2	190	0	No Failure	
1759	L48938	L	298.1	307.4	1608	33.9	193	0	No Failure	
1760	H31173	H	298	307.4	1606	35.2	195	0	No Failure	
1761	L48940	L	298.1	307.5	1684	33.1	200	0	No Failure	
1762	L48941	L	298.1	307.6	1950	20.3	202	0	No Failure	
1763	H31176	H	298.2	307.6	1460	48.6	204	0	No Failure	
1764	L48943	L	298.2	307.6	1511	31	209	1	Tool Wear Failure	
1765	H31178	H	298.2	307.6	1318	55.7	0	0	No Failure	
1766	L48945	L	298.2	307.6	1368	51.8	5	0	No Failure	
1767	M16626	M	298.3	307.7	1717	27.1	7	0	No Failure	
1768	M16627	M	298.3	307.7	1520	41.4	10	0	No Failure	
1769	M16628	M	298.3	307.8	1485	42	13	0	No Failure	
1770	L48949	L	298.4	307.9	1981	23.2	16	0	No Failure	
1771	H31184	H	298.4	307.9	1605	31	18	0	No Failure	
1772	L48951	L	298.4	307.9	1446	45.3	23	0	No Failure	
1773	L48952	L	298.4	308	1508	47.9	25	0	No Failure	
1774	L48953	L	298.5	308	1384	59.5	27	0	No Failure	
1775	M16634	M	298.5	308	1519	37.3	29	0	No Failure	
1776	L48955	L	298.5	308	1404	48.1	32	0	No Failure	
1777	L48956	L	298.5	308.1	1564	31.1	34	0	No Failure	
1778	H31191	H	298.6	308.2	1555	36.8	36	0	No Failure	
1779	L48958	L	298.6	308.2	1325	54	41	0	No Failure	
1780	M16639	M	298.6	308.2	1488	44	43	0	No Failure	
1781	L48960	L	298.5	308.2	1595	32.3	46	0	No Failure	
1782	L48961	L	298.5	308.1	1662	28.6	48	0	No Failure	
1783	L48962	L	298.4	308	1571	37.4	50	0	No Failure	
1784	H31197	H	298.3	308	1553	41	52	0	No Failure	
1785	L48964	L	298.3	308	2886	3.8	57	1	Power Failure	

1786	L48965	L	298.2	308	1538	38.2	59	0	No Failure	
1787	L48966	L	298.4	308.2	1618	33	61	0	No Failure	
1788	L48967	L	298.4	308.2	1364	45.9	63	0	No Failure	
1789	L48968	L	298.3	308	1442	47.3	65	0	No Failure	
1790	L48969	L	298.2	307.9	1313	67.3	67	1	Power Failure	
1791	L48970	L	298.2	307.9	1847	23.6	69	0	No Failure	
1792	L48971	L	298.1	307.8	1524	40.8	71	0	No Failure	
1793	M16652	M	298.1	307.7	1445	48	73	0	No Failure	
1794	L48973	L	298.1	307.8	1761	28.2	76	0	No Failure	
1795	M16654	M	298.1	307.8	1514	43.5	78	0	No Failure	
1796	M16655	M	298.1	307.7	1498	38.3	81	0	No Failure	
1797	H31210	H	298.1	307.6	1542	37.1	84	0	No Failure	
1798	M16657	M	298	307.6	1508	41.8	89	0	No Failure	
1799	M16658	M	298	307.5	1431	52.9	92	0	No Failure	
1800	M16659	M	298	307.5	1427	45.1	95	0	No Failure	
1801	M16660	M	298	307.5	1524	36.3	98	0	No Failure	
1802	M16661	M	298	307.5	1427	43.6	101	0	No Failure	
1803	H31216	H	298.1	307.6	1496	44.1	104	0	No Failure	
1804	L48983	L	298.1	307.7	1388	40.3	109	0	No Failure	
1805	L48984	L	298.1	307.7	1495	48.1	111	0	No Failure	
1806	H31219	H	298.1	307.7	1376	56.2	113	0	No Failure	
1807	H31220	H	298	307.6	1593	32.2	118	0	No Failure	
1808	L48987	L	298	307.6	1654	28.9	123	0	No Failure	
1809	L48988	L	298.1	307.7	2567	12.8	125	1	Power Failure	
1810	L48989	L	298.1	307.7	1767	27	127	0	No Failure	
1811	L48990	L	298.1	307.6	1364	53.8	129	0	No Failure	
1812	M16671	M	298.1	307.8	1569	31.2	131	0	No Failure	
1813	L48992	L	298.2	307.8	1476	36.8	134	0	No Failure	
1814	L48993	L	298.1	307.7	1479	45	136	0	No Failure	
1815	L48994	L	298.1	307.7	1650	34.1	138	0	No Failure	
1816	M16675	M	298.1	307.6	1565	36.3	140	0	No Failure	
1817	L48996	L	298.1	307.6	1460	46.5	143	0	No Failure	
1818	L48997	L	298.1	307.7	1664	27.6	145	0	No Failure	
1819	M16678	M	298.1	307.7	1435	40.9	147	0	No Failure	
1820	M16679	M	298.1	307.6	2066	19.2	150	0	No Failure	
1821	L49000	L	298.1	307.5	1493	43.7	153	0	No Failure	
1822	L49001	L	298.1	307.6	1354	43.3	155	0	No Failure	
1823	L49002	L	298.1	307.6	1488	39.4	157	0	No Failure	

1824	L49003	L	298.1	307.7	1414	48.7	159	0	No Failure	
1825	L49004	L	298.1	307.5	1391	57.4	161	0	No Failure	
1826	M16685	M	298	307.5	1784	27.8	163	0	No Failure	
1827	H31240	H	297.8	307.3	1516	40.1	166	0	No Failure	
1828	M16687	M	297.9	307.3	1420	47.8	171	0	No Failure	
1829	L49008	L	297.8	307.2	1351	56.3	174	0	No Failure	
1830	L49009	L	297.8	307.2	1880	23	176	0	No Failure	
1831	L49010	L	297.8	307.3	1859	24	178	0	No Failure	
1832	M16691	M	297.8	307.3	1315	54	180	0	No Failure	
1833	M16692	M	297.8	307.4	1330	51.7	183	0	No Failure	
1834	L49013	L	297.8	307.3	1327	61	186	1	Overstrain Failure	
1835	L49014	L	297.8	307.2	1498	38.1	188	0	No Failure	
1836	H31249	H	297.8	307.3	1555	35.8	190	0	No Failure	
1837	L49016	L	297.7	307.2	1518	35.8	195	0	No Failure	
1838	L49017	L	297.7	307.2	1392	43	197	0	No Failure	
1839	M16698	M	297.8	307.2	1456	39.6	199	0	No Failure	
1840	L49019	L	297.7	307.1	1715	30.2	0	0	No Failure	
1841	M16700	M	297.7	307.2	1405	43.7	2	0	No Failure	
1842	L49021	L	297.7	307.2	1668	37.8	5	0	No Failure	
1843	H31256	H	297.7	307.1	1855	22.5	7	0	No Failure	
1844	L49023	L	297.6	307.1	1496	39.2	12	0	No Failure	
1845	M16704	M	297.6	307.1	1471	44.9	14	0	No Failure	
1846	L49025	L	297.7	307.2	1444	40	17	0	No Failure	
1847	H31260	H	297.7	307.3	1514	38.6	19	0	No Failure	
1848	L49027	L	297.8	307.3	1412	50.7	24	0	No Failure	
1849	H31262	H	297.7	307.2	1429	44.1	26	0	No Failure	
1850	L49029	L	297.7	307.2	1668	32.7	31	0	No Failure	
1851	M16710	M	297.7	307.2	1372	52.8	33	0	No Failure	
1852	M16711	M	297.7	307.3	1365	49.2	36	0	No Failure	
1853	M16712	M	297.6	307.1	1526	39.1	39	0	No Failure	
1854	L49033	L	297.6	307.2	1486	40.6	42	0	No Failure	
1855	M16714	M	297.6	307.2	1470	42.6	44	0	No Failure	
1856	H31269	H	297.7	307.3	1249	62.8	47	0	No Failure	
1857	M16716	M	297.8	307.4	1752	26.1	52	0	No Failure	
1858	L49037	L	297.7	307.4	1643	36.5	55	0	No Failure	
1859	M16718	M	297.8	307.4	1488	36.1	57	0	No Failure	
1860	L49039	L	297.8	307.4	1355	45.8	60	0	No Failure	
1861	L49040	L	297.8	307.6	1607	30.3	62	0	No Failure	

1862	M16721	M	297.9	307.6	1609	30.3	64	0	No Failure	
1863	L49042	L	297.9	307.7	1517	44.4	67	0	No Failure	
1864	M16723	M	297.9	307.7	1517	39.5	69	0	No Failure	
1865	L49044	L	297.9	307.7	1546	37.6	72	0	No Failure	
1866	L49045	L	297.9	307.7	1567	34.7	74	0	No Failure	
1867	M16726	M	298.1	307.9	1662	28.9	76	0	No Failure	
1868	L49047	L	298.1	307.9	1502	41.8	79	0	No Failure	
1869	L49048	L	298.3	308	1361	56.9	81	0	No Failure	
1870	M16729	M	298.3	308.1	1630	32.7	83	0	No Failure	
1871	L49050	L	298.3	308	1486	42.3	86	0	No Failure	
1872	L49051	L	298.3	308.1	1840	21.5	88	0	No Failure	
1873	L49052	L	298.3	308.1	1326	58.4	90	0	No Failure	
1874	L49053	L	298.4	308.1	1367	57.8	92	0	No Failure	
1875	L49054	L	298.4	308.1	1598	32.7	94	0	No Failure	
1876	L49055	L	298.3	308	1363	50.1	96	0	No Failure	
1877	L49056	L	298.3	308	1242	62	98	0	No Failure	
1878	M16737	M	298.2	307.8	1566	33.8	100	0	No Failure	
1879	M16738	M	298.1	307.7	1424	47.7	103	0	No Failure	
1880	M16739	M	298.2	307.7	1608	33.8	106	0	No Failure	
1881	L49060	L	298.1	307.7	1705	29.1	109	0	No Failure	
1882	L49061	L	298	307.6	1548	45.8	111	0	No Failure	
1883	M16742	M	298	307.6	1581	43.4	113	0	No Failure	
1884	M16743	M	298	307.6	1472	46.7	116	0	No Failure	
1885	M16744	M	298	307.6	1792	26	119	0	No Failure	
1886	L49065	L	298	307.6	1683	32.8	122	0	No Failure	
1887	L49066	L	297.9	307.6	1503	40.7	124	0	No Failure	
1888	M16747	M	297.9	307.5	1642	32.4	126	0	No Failure	
1889	M16748	M	297.8	307.4	1902	24.3	129	0	No Failure	
1890	H31303	H	297.7	307.4	1432	40.2	132	0	No Failure	
1891	L49070	L	297.8	307.4	1512	40.8	137	0	No Failure	
1892	L49071	L	297.7	307.4	1764	29	139	0	No Failure	
1893	M16752	M	297.8	307.4	1438	43.6	141	0	No Failure	
1894	L49073	L	297.8	307.5	1631	29.9	144	0	No Failure	
1895	H31308	H	297.9	307.5	1880	23.3	146	0	No Failure	
1896	L49075	L	297.9	307.6	1344	54.3	151	0	No Failure	
1897	L49076	L	297.9	307.5	1574	35.8	153	0	No Failure	
1898	L49077	L	297.8	307.4	1418	41.2	155	0	No Failure	
1899	L49078	L	297.8	307.5	1372	54.1	157	0	No Failure	

1900	L49079	L	297.8	307.5	1388	40	159	0	No Failure	
1901	H31314	H	297.9	307.6	1493	36	161	0	No Failure	
1902	M16761	M	297.9	307.6	1505	40.1	166	0	No Failure	
1903	L49082	L	298	307.6	1694	29.1	169	0	No Failure	
1904	L49083	L	297.9	307.6	1968	20.4	171	0	No Failure	
1905	M16764	M	298	307.6	1569	35.6	173	0	No Failure	
1906	L49085	L	297.9	307.6	1687	29.1	176	0	No Failure	
1907	L49086	L	297.9	307.6	1430	52.4	178	0	No Failure	
1908	L49087	L	297.9	307.6	1504	42.4	180	0	No Failure	
1909	L49088	L	297.9	307.6	1977	20.2	182	0	No Failure	
1910	L49089	L	298	307.7	1435	45.6	184	0	No Failure	
1911	H31324	H	298	307.7	1547	36.8	186	0	No Failure	
1912	M16771	M	298.1	307.8	1316	57.2	191	0	No Failure	
1913	M16772	M	298	307.7	1621	34.9	194	0	No Failure	
1914	M16773	M	298	307.8	1492	40.2	197	0	No Failure	
1915	L49094	L	298	307.7	1643	32.3	200	0	No Failure	
1916	L49095	L	298	307.7	1492	38.7	202	0	No Failure	
1917	L49096	L	298	307.7	1387	50.8	204	0	No Failure	
1918	M16777	M	298.1	307.9	1463	47.3	206	0	No Failure	
1919	M16778	M	298.1	307.9	1496	40	0	0	No Failure	
1920	L49099	L	298.2	308	1658	30	3	0	No Failure	
1921	L49100	L	298.1	307.9	2161	17.5	5	0	No Failure	
1922	L49101	L	298.1	307.9	1665	32	7	0	No Failure	
1923	L49102	L	298	307.8	1716	26.6	9	0	No Failure	
1924	L49103	L	298	307.7	1529	34.1	11	0	No Failure	
1925	L49104	L	297.9	307.7	1353	50.7	13	0	No Failure	
1926	L49105	L	297.9	307.7	1537	37.7	15	0	No Failure	
1927	L49106	L	298	307.7	1606	30.8	17	0	No Failure	
1928	H31341	H	298	307.8	1314	47.8	19	0	No Failure	
1929	L49108	L	298	307.8	1623	29.9	24	0	No Failure	
1930	M16789	M	298	307.8	1483	50.9	26	0	No Failure	
1931	M16790	M	298.1	307.9	1569	37	29	0	No Failure	
1932	M16791	M	298.2	308	1969	21.7	32	0	No Failure	
1933	M16792	M	298.1	308	1686	29.3	35	0	No Failure	
1934	L49113	L	298.1	308	1638	35.1	38	0	No Failure	
1935	L49114	L	298.1	307.9	1698	33.3	40	0	No Failure	
1936	M16795	M	298.1	307.9	1377	55.1	42	0	No Failure	
1937	M16796	M	298.1	308	2129	18.4	45	0	No Failure	

1938	L49117	L	298.2	308	1411	42.4	48	0	No Failure	
1939	L49118	L	298.1	307.9	1517	40.8	50	0	No Failure	
1940	M16799	M	298.1	307.9	1303	53.9	52	0	No Failure	
1941	L49120	L	298.1	307.9	1578	35.6	55	0	No Failure	
1942	L49121	L	298.1	307.9	1425	58.2	57	0	No Failure	
1943	L49122	L	298.1	308	1456	42.4	59	0	No Failure	
1944	L49123	L	298.1	308	1704	30.9	61	0	No Failure	
1945	L49124	L	298.1	308.1	1791	27.3	63	0	No Failure	
1946	L49125	L	298.1	308.1	1616	32.8	65	0	No Failure	
1947	L49126	L	298.2	308.1	1622	34.9	67	0	No Failure	
1948	L49127	L	298.2	308.1	1462	49.9	69	0	No Failure	
1949	L49128	L	298.1	308.1	1410	45.8	71	0	No Failure	
1950	M16809	M	298.1	308	1543	41.9	73	0	No Failure	
1951	M16810	M	298	307.9	1479	47.6	76	0	No Failure	
1952	L49131	L	298	307.8	1839	22.7	79	0	No Failure	
1953	L49132	L	298	307.8	1266	60.5	81	0	No Failure	
1954	L49133	L	297.9	307.7	1593	34.9	83	0	No Failure	
1955	L49134	L	297.9	307.8	1459	46.9	85	0	No Failure	
1956	L49135	L	297.9	307.7	1308	55.2	87	0	No Failure	
1957	M16816	M	297.9	307.7	1364	46.8	89	0	No Failure	
1958	H31371	H	297.9	307.7	1618	35.9	92	0	No Failure	
1959	H31372	H	297.9	307.7	1464	43.2	97	0	No Failure	
1960	M16819	M	297.8	307.6	1352	49.4	102	0	No Failure	
1961	L49140	L	297.8	307.6	1446	51.4	105	0	No Failure	
1962	L49141	L	297.8	307.5	1448	51.2	107	0	No Failure	
1963	L49142	L	297.8	307.5	1391	48.6	109	0	No Failure	
1964	L49143	L	297.7	307.5	1379	43.3	111	0	No Failure	
1965	M16824	M	297.8	307.5	1405	46.9	113	0	No Failure	
1966	L49145	L	297.8	307.5	1581	33.1	116	0	No Failure	
1967	L49146	L	297.9	307.6	1515	40.5	118	0	No Failure	
1968	L49147	L	297.9	307.6	1589	37.8	120	0	No Failure	
1969	L49148	L	298	307.6	1281	50.8	122	0	No Failure	
1970	H31383	H	297.8	307.5	1631	31.3	124	0	No Failure	
1971	M16830	M	297.9	307.6	1202	67	129	0	No Failure	
1972	L49151	L	297.9	307.6	1298	52.7	132	0	No Failure	
1973	L49152	L	297.9	307.6	1612	30.7	134	0	No Failure	
1974	L49153	L	297.9	307.6	1747	25.3	136	0	No Failure	
1975	L49154	L	298	307.6	1450	48.7	138	0	No Failure	

1976	L49155	L	298	307.7	1422	45.6	140	0	No Failure	
1977	M16836	M	298.1	307.7	1419	47.4	142	0	No Failure	
1978	M16837	M	298.1	307.7	1633	30.7	145	0	No Failure	
1979	L49158	L	298	307.7	1442	43.6	148	0	No Failure	
1980	H31393	H	298	307.6	1420	45.8	150	0	No Failure	
1981	M16840	M	298	307.6	1301	58.5	155	0	No Failure	
1982	L49161	L	298	307.6	1385	45	158	0	No Failure	
1983	M16842	M	298	307.7	1487	41.3	160	0	No Failure	
1984	M16843	M	298	307.6	1459	44.4	163	0	No Failure	
1985	M16844	M	298	307.5	1387	45.5	166	0	No Failure	
1986	L49165	L	298.1	307.7	1537	40.8	169	0	No Failure	
1987	L49166	L	298.1	307.6	1498	42.9	171	0	No Failure	
1988	M16847	M	298.2	307.8	1599	31.2	173	0	No Failure	
1989	H31402	H	298.3	307.9	1420	39.2	176	0	No Failure	
1990	L49169	L	298.2	307.9	1785	23.4	181	0	No Failure	
1991	L49170	L	298.2	307.8	1423	48.1	183	0	No Failure	
1992	M16851	M	298.2	307.8	1583	36.6	185	0	No Failure	
1993	L49172	L	298.2	307.8	1375	46.6	188	0	No Failure	
1994	M16853	M	298.3	308	1463	42.5	190	0	No Failure	
1995	M16854	M	298.2	307.9	1403	45.1	193	0	No Failure	
1996	L49175	L	298.3	308	1451	47.1	196	0	No Failure	
1997	M16856	M	298.4	308	1416	38.2	198	1	Tool Wear Failure	
1998	L49177	L	298.3	308.1	1672	41.3	0	0	No Failure	
1999	H31412	H	298.3	308	1637	30.8	2	0	No Failure	
2000	L49179	L	298.4	308	1540	37.8	7	0	No Failure	
2001	L49180	L	298.4	308.1	1279	53.1	9	0	No Failure	
2002	L49181	L	298.4	308.2	1604	34.9	11	0	No Failure	
2003	L49182	L	298.5	308.2	1654	27.1	13	0	No Failure	
2004	M16863	M	298.5	308.2	1564	37.5	15	0	No Failure	
2005	L49184	L	298.5	308.2	1451	47.5	18	0	No Failure	
2006	L49185	L	298.5	308.3	1504	38	20	0	No Failure	
2007	M16866	M	298.5	308.3	1381	50.5	22	0	No Failure	
2008	L49187	L	298.6	308.4	1562	34.4	25	0	No Failure	
2009	L49188	L	298.5	308.3	1811	24.7	27	0	No Failure	
2010	M16869	M	298.6	308.3	1717	28.7	29	0	No Failure	
2011	L49190	L	298.6	308.3	1278	60.5	32	0	No Failure	
2012	L49191	L	298.7	308.5	1616	30.2	34	0	No Failure	
2013	L49192	L	298.6	308.4	1397	46.4	36	0	No Failure	

2014	L49193	L	298.6	308.4	1485	42.9	38	0	No Failure	
2015	L49194	L	298.6	308.4	1310	59.7	40	0	No Failure	
2016	L49195	L	298.5	308.2	1301	66.3	42	1	Power Failure	
2017	L49196	L	298.5	308.3	1458	44	44	0	No Failure	
2018	L49197	L	298.7	308.5	1483	42.5	46	0	No Failure	
2019	L49198	L	298.7	308.5	1375	46.4	48	0	No Failure	
2020	M16879	M	298.7	308.5	1660	27	50	0	No Failure	
2021	H31434	H	298.7	308.4	1560	33.3	53	0	No Failure	
2022	L49201	L	298.7	308.5	1480	42.2	58	0	No Failure	
2023	L49202	L	298.7	308.4	1373	46.9	60	0	No Failure	
2024	L49203	L	298.7	308.5	1444	54.2	62	0	No Failure	
2025	M16884	M	298.7	308.6	1722	24.7	64	0	No Failure	
2026	L49205	L	298.7	308.5	1469	39.9	67	0	No Failure	
2027	M16886	M	298.7	308.5	1360	52.9	69	0	No Failure	
2028	L49207	L	298.7	308.4	1750	25.8	72	0	No Failure	
2029	M16888	M	298.7	308.3	1349	46.6	74	0	No Failure	
2030	L49209	L	298.7	308.5	1668	35.2	77	0	No Failure	
2031	L49210	L	298.9	308.6	1400	49.5	79	0	No Failure	
2032	L49211	L	298.8	308.6	1331	62.8	81	0	No Failure	
2033	L49212	L	298.8	308.5	1444	42.2	83	0	No Failure	
2034	H31447	H	298.8	308.5	1359	47.6	85	0	No Failure	
2035	M16894	M	298.8	308.5	1425	47.4	90	0	No Failure	
2036	M16895	M	298.9	308.6	1469	34.2	93	0	No Failure	
2037	L49216	L	299	308.7	1892	22.8	96	0	No Failure	
2038	H31451	H	299	308.7	1940	19.9	98	0	No Failure	
2039	L49218	L	299	308.8	1405	55.2	103	0	No Failure	
2040	M16899	M	299	308.9	1449	39.6	105	0	No Failure	
2041	L49220	L	299.1	308.9	1686	29.6	108	0	No Failure	
2042	L49221	L	299.1	308.9	1680	27.2	110	0	No Failure	
2043	M16902	M	299.1	308.9	1397	52.4	112	0	No Failure	
2044	M16903	M	299.2	309	1597	30.3	115	0	No Failure	
2045	L49224	L	299.3	309.1	1470	41.1	118	0	No Failure	
2046	M16905	M	299.3	309.1	1703	31.3	120	0	No Failure	
2047	L49226	L	299.3	309.1	1388	45.5	123	0	No Failure	
2048	L49227	L	299.3	309.2	1775	24.2	125	0	No Failure	
2049	L49228	L	299.3	309.2	1465	41.5	127	0	No Failure	
2050	M16909	M	299.3	309.2	1586	37.9	129	0	No Failure	
2051	M16910	M	299.5	309.3	1675	29.2	132	0	No Failure	

2052	M16911	M	299.4	309.2	1470	44.4	135	0	No Failure	
2053	L49232	L	299.5	309.3	1477	40.4	138	0	No Failure	
2054	L49233	L	299.5	309.3	1382	61	140	0	No Failure	
2055	M16914	M	299.6	309.4	1605	29.8	142	0	No Failure	
2056	L49235	L	299.6	309.4	1643	32.9	145	0	No Failure	
2057	L49236	L	299.5	309.3	1333	54.1	147	0	No Failure	
2058	L49237	L	299.5	309.3	1520	42.3	149	0	No Failure	
2059	M16918	M	299.5	309.3	1902	24	151	0	No Failure	
2060	H31473	H	299.5	309.4	1386	44.4	154	0	No Failure	
2061	L49240	L	299.6	309.5	1803	27.7	159	0	No Failure	
2062	L49241	L	299.7	309.6	1359	50.7	161	0	No Failure	
2063	M16922	M	299.7	309.6	1477	42.7	163	0	No Failure	
2064	L49243	L	299.7	309.6	1321	53.4	166	0	No Failure	
2065	L49244	L	299.6	309.5	1453	41.4	168	0	No Failure	
2066	L49245	L	299.7	309.6	1419	45.1	170	0	No Failure	
2067	L49246	L	299.7	309.6	1512	36.2	172	0	No Failure	
2068	L49247	L	299.7	309.6	1553	36.8	174	0	No Failure	
2069	M16928	M	299.7	309.6	1534	39.1	176	0	No Failure	
2070	H31483	H	299.7	309.6	1553	41	179	0	No Failure	
2071	L49250	L	299.7	309.5	1352	49.7	184	0	No Failure	
2072	M16931	M	299.7	309.6	1313	60	186	0	No Failure	
2073	L49252	L	299.6	309.5	1570	35.5	189	0	Random Failures	
2074	L49253	L	299.6	309.4	1677	31.1	191	0	No Failure	
2075	L49254	L	299.5	309.4	1602	31.5	193	0	No Failure	
2076	L49255	L	299.5	309.4	1390	58.8	195	1	Overstrain Failure	
2077	L49256	L	299.4	309.3	1544	36	197	0	No Failure	
2078	L49257	L	299.4	309.4	1701	31.2	199	0	No Failure	
2079	M16938	M	299.4	309.3	1692	28.4	201	0	No Failure	
2080	M16939	M	299.3	309.3	1523	37.9	204	0	No Failure	
2081	L49260	L	299.3	309.2	2280	15.4	207	0	No Failure	
2082	M16941	M	299.4	309.3	1485	47.1	209	0	No Failure	
2083	H31496	H	299.4	309.2	1513	36.1	212	0	No Failure	
2084	H31497	H	299.4	309.3	1743	28.2	0	0	No Failure	
2085	L49264	L	299.5	309.3	1442	46.2	5	0	No Failure	
2086	L49265	L	299.5	309.3	1462	46.7	7	0	No Failure	
2087	H31500	H	299.4	309.3	1439	49.7	9	0	No Failure	
2088	L49267	L	299.5	309.3	1577	36.6	14	0	No Failure	
2089	L49268	L	299.6	309.4	1331	46.4	16	0	No Failure	

2090	L49269	L	299.5	309.3	1941	22.5	18	0	No Failure	
2091	L49270	L	299.5	309.2	1393	47.3	20	0	No Failure	
2092	L49271	L	299.4	309.2	1433	42.1	22	0	No Failure	
2093	L49272	L	299.4	309.2	1444	48.2	24	0	No Failure	
2094	L49273	L	299.4	309.2	1564	39	26	0	No Failure	
2095	L49274	L	299.4	309.3	1377	43.6	28	0	No Failure	
2096	L49275	L	299.4	309.3	1525	41.5	30	0	No Failure	
2097	M16956	M	299.5	309.4	1387	56.2	32	0	No Failure	
2098	M16957	M	299.4	309.4	1326	47.5	35	0	No Failure	
2099	L49278	L	299.4	309.3	1401	59	38	0	No Failure	
2100	L49279	L	299.4	309.3	1596	31.8	40	0	No Failure	
2101	M16960	M	299.3	309.3	1471	46	42	0	No Failure	
2102	L49281	L	299.3	309.3	1528	37.8	45	0	No Failure	
2103	L49282	L	299.3	309.3	1325	62	47	0	No Failure	
2104	M16963	M	299.3	309.1	1376	46.7	49	0	No Failure	
2105	M16964	M	299.3	309.1	1600	35.3	52	0	No Failure	
2106	L49285	L	299.3	309.1	1495	44	55	0	No Failure	
2107	L49286	L	299.4	309.1	1645	28.6	57	0	No Failure	
2108	M16967	M	299.4	309.1	1417	47.3	59	0	No Failure	
2109	H31522	H	299.4	309	1415	51.7	62	0	No Failure	
2110	M16969	M	299.3	309	1496	43.4	67	0	No Failure	
2111	H31524	H	299.3	309	1508	35	70	0	No Failure	
2112	L49291	L	299.4	309	1436	47.9	75	0	No Failure	
2113	L49292	L	299.5	309.1	1852	22.6	77	0	No Failure	
2114	L49293	L	299.5	309.1	1863	22.5	79	0	No Failure	
2115	H31528	H	299.4	309.1	1373	44.1	81	0	No Failure	
2116	L49295	L	299.4	309	1404	47.3	86	0	No Failure	
2117	M16976	M	299.4	309	1381	44.9	88	0	No Failure	
2118	H31531	H	299.4	308.9	1762	29.3	91	0	No Failure	
2119	H31532	H	299.3	308.9	1429	43	96	0	No Failure	
2120	M16979	M	299.3	308.9	1858	24.7	101	0	No Failure	
2121	H31534	H	299.2	308.8	1908	21.3	104	0	No Failure	
2122	M16981	M	299.2	308.8	1503	37.4	109	0	No Failure	
2123	M16982	M	299.2	308.8	1523	38.9	112	0	No Failure	
2124	L49303	L	299.3	309	1491	38.4	115	0	No Failure	
2125	L49304	L	299.2	308.9	1430	39.1	117	0	No Failure	
2126	L49305	L	299.3	308.9	1258	69.4	119	1	Power Failure	
2127	L49306	L	299.3	309	1449	46.5	121	0	No Failure	

2128	H31541	H	299.3	309	1425	40.6	123	0	No Failure	
2129	L49308	L	299.4	309	1800	24.3	128	0	No Failure	
2130	H31543	H	299.4	309	1607	33.7	130	0	No Failure	
2131	L49310	L	299.4	309	1391	58.2	135	0	No Failure	
2132	L49311	L	299.4	309.1	1432	45.4	137	0	No Failure	
2133	L49312	L	299.4	309	1660	28.4	139	0	No Failure	
2134	H31547	H	299.3	309	1732	29.7	141	0	No Failure	
2135	L49314	L	299.3	309	1473	46.3	146	0	No Failure	
2136	L49315	L	299.3	309	1511	47.8	148	0	No Failure	
2137	L49316	L	299.2	308.9	1588	41.5	150	0	No Failure	
2138	L49317	L	299.3	308.9	1623	31.1	152	0	No Failure	
2139	L49318	L	299.3	309	1734	30.6	154	0	No Failure	
2140	L49319	L	299.3	309	1415	47.6	156	0	No Failure	
2141	L49320	L	299.3	309	1419	46.6	158	0	No Failure	
2142	M17001	M	299.3	308.9	1577	34.9	160	0	No Failure	
2143	L49322	L	299.3	308.9	1376	60.3	163	0	No Failure	
2144	M17003	M	299.3	308.8	1442	49	165	0	No Failure	
2145	L49324	L	299.4	308.9	1451	40.5	168	0	No Failure	
2146	L49325	L	299.3	308.8	1550	45.8	170	0	No Failure	
2147	L49326	L	299.3	308.8	1647	32.9	172	0	No Failure	
2148	L49327	L	299.4	308.9	1550	33.7	174	0	No Failure	
2149	L49328	L	299.4	308.9	1583	34.1	176	0	No Failure	
2150	L49329	L	299.4	309	1613	32.2	178	0	No Failure	
2151	H31564	H	299.3	308.8	1636	35.5	180	0	No Failure	
2152	M17011	M	299.3	308.7	1289	51.5	185	0	No Failure	
2153	M17012	M	299.3	308.8	1648	28.4	188	0	No Failure	
2154	H31567	H	299.3	308.8	1397	45.4	191	0	No Failure	
2155	M17014	M	299.3	308.9	1767	24.8	196	0	No Failure	
2156	L49335	L	299.3	308.8	1341	47.7	199	0	No Failure	
2157	M17016	M	299.4	308.9	1457	41.5	201	0	No Failure	
2158	M17017	M	299.4	309	1939	19.8	204	0	No Failure	
2159	M17018	M	299.5	309	1399	49.7	207	0	No Failure	
2160	M17019	M	299.5	309	1602	31.3	210	0	No Failure	
2161	L49340	L	299.4	309	1507	41	213	0	No Failure	
2162	L49341	L	299.4	309.1	1464	40.5	215	0	No Failure	
2163	L49342	L	299.5	309.1	1336	42.1	217	0	No Failure	
2164	L49343	L	299.6	309.2	1422	39.8	219	0	No Failure	
2165	L49344	L	299.6	309.2	1540	36.7	221	0	No Failure	

2166	L49345	L	299.5	309.1	1476	47.8	223	0	No Failure	
2167	M17026	M	299.6	309.2	1867	23.4	225	1	Tool Wear Failure	
2168	H31581	H	299.6	309.1	1588	41.3	0	0	No Failure	
2169	M17028	M	299.5	309.1	1420	49.5	5	0	No Failure	
2170	L49349	L	299.5	309.1	1415	49.2	8	0	No Failure	
2171	M17030	M	299.4	309.1	1500	43.3	10	0	No Failure	
2172	L49351	L	299.5	309.1	1502	44.6	13	0	No Failure	
2173	L49352	L	299.5	309.2	1816	23	15	0	No Failure	
2174	M17033	M	299.5	309.2	1495	41.6	17	0	No Failure	
2175	L49354	L	299.6	309.2	1572	33.4	20	0	No Failure	
2176	M17035	M	299.5	309.2	1590	35.9	22	0	No Failure	
2177	M17036	M	299.6	309.3	1387	48.3	25	0	No Failure	
2178	M17037	M	299.6	309.2	1393	47.7	28	0	No Failure	
2179	L49358	L	299.6	309.2	1602	37.3	31	0	No Failure	
2180	L49359	L	299.6	309.2	1601	33.3	33	0	No Failure	
2181	H31594	H	299.6	309.2	1597	36.3	35	0	No Failure	
2182	H31595	H	299.5	309.1	1548	44.3	40	0	No Failure	
2183	M17042	M	299.5	309.2	1314	61.8	45	0	No Failure	
2184	M17043	M	299.6	309.3	1577	39.8	48	0	No Failure	
2185	L49364	L	299.8	309.4	1475	43.4	51	0	No Failure	
2186	L49365	L	299.8	309.4	1630	32.4	53	0	No Failure	
2187	L49366	L	299.7	309.4	1445	42.9	55	0	No Failure	
2188	M17047	M	299.8	309.4	1439	47.4	57	0	No Failure	
2189	L49368	L	299.7	309.3	1420	44.1	60	0	No Failure	
2190	H31603	H	299.7	309.2	1554	41.6	62	0	No Failure	
2191	M17050	M	299.6	309.1	1471	44.3	67	0	No Failure	
2192	L49371	L	299.6	309	1648	33.6	70	0	No Failure	
2193	L49372	L	299.6	309	1472	48.8	72	0	No Failure	
2194	M17053	M	299.5	308.9	1448	42.9	74	0	No Failure	
2195	M17054	M	299.6	308.9	1568	35.3	77	0	No Failure	
2196	L49375	L	299.6	308.9	1613	30.8	80	0	No Failure	
2197	M17056	M	299.7	308.9	1551	35.4	82	0	No Failure	
2198	L49377	L	299.7	309	1412	49.2	85	0	No Failure	
2199	M17058	M	299.7	308.9	1478	41	87	0	No Failure	
2200	M17059	M	299.8	309.1	1268	58	90	0	No Failure	
2201	L49380	L	299.8	309.1	1546	35.6	93	0	No Failure	
2202	L49381	L	299.8	309	1567	36.1	95	0	No Failure	
2203	M17062	M	299.9	309.2	1548	35.7	97	0	No Failure	

2204	L49383	L	299.8	309	1614	30.8	100	0	No Failure	
2205	M17064	M	299.7	309.1	1352	46.1	102	0	No Failure	
2206	L49385	L	299.9	309.2	1624	34.6	105	0	No Failure	
2207	L49386	L	299.9	309.2	1436	52	107	0	No Failure	
2208	L49387	L	299.8	309.2	1591	37.5	109	0	No Failure	
2209	H31622	H	299.8	309.2	1435	42.6	111	0	No Failure	
2210	L49389	L	299.8	309.3	1386	49.4	116	0	No Failure	
2211	L49390	L	299.7	309.2	1401	54.1	118	0	No Failure	
2212	M17071	M	299.6	309	1245	64	120	0	No Failure	
2213	L49392	L	299.7	309.1	1475	40	123	0	No Failure	
2214	L49393	L	299.7	309.1	1473	39.4	125	0	No Failure	
2215	H31628	H	299.7	309.2	1355	44.8	127	0	No Failure	
2216	H31629	H	299.7	309.2	1468	49.6	132	0	No Failure	
2217	L49396	L	299.7	309.2	1645	30.8	137	0	No Failure	
2218	L49397	L	299.7	309.1	1347	55.3	139	0	No Failure	
2219	L49398	L	299.7	309.1	1713	33.5	141	0	No Failure	
2220	M17079	M	299.6	309.1	1435	48.4	143	0	No Failure	
2221	M17080	M	299.6	309	1736	26.1	146	0	No Failure	
2222	L49401	L	299.6	309	1372	60.4	149	0	No Failure	
2223	L49402	L	299.7	309	1605	33	151	0	No Failure	
2224	L49403	L	299.6	309	1413	48.5	153	0	No Failure	
2225	M17084	M	299.7	309	1645	31.9	155	0	No Failure	
2226	M17085	M	299.7	309	1465	49	158	0	No Failure	
2227	M17086	M	299.6	308.9	1685	27.8	161	0	No Failure	
2228	L49407	L	299.5	308.8	1965	20.4	164	0	No Failure	
2229	H31642	H	299.4	308.6	1542	41.8	166	0	No Failure	
2230	L49409	L	299.4	308.7	1681	30.8	171	0	No Failure	
2231	L49410	L	299.5	308.7	1446	45.7	173	0	No Failure	
2232	L49411	L	299.4	308.6	1415	56.4	175	0	No Failure	
2233	L49412	L	299.5	308.6	1672	30.5	177	0	No Failure	
2234	L49413	L	299.5	308.7	2549	13	179	1	Power Failure	
2235	L49414	L	299.4	308.6	1492	40.5	181	0	No Failure	
2236	M17095	M	299.4	308.6	1455	42.7	183	0	No Failure	
2237	M17096	M	299.3	308.5	1422	43.1	186	0	No Failure	
2238	L49417	L	299.3	308.6	1403	50.6	189	0	No Failure	
2239	L49418	L	299.3	308.6	1474	49.6	191	0	No Failure	
2240	L49419	L	299.2	308.6	1381	50	193	0	No Failure	
2241	L49420	L	299.2	308.5	1457	44.7	195	0	No Failure	

2242	L49421	L	299.2	308.4	1711	28.9	197	0	No Failure	
2243	L49422	L	299.2	308.4	1667	29	199	0	No Failure	
2244	L49423	L	299.2	308.4	1465	35	201	0	No Failure	
2245	M17104	M	299.3	308.4	1542	37.5	203	1	Tool Wear Failure	
2246	M17105	M	299.3	308.4	1438	42.3	0	0	No Failure	
2247	L49426	L	299.3	308.4	1406	47.4	3	0	No Failure	
2248	M17107	M	299.2	308.4	1396	48.5	5	0	No Failure	
2249	M17108	M	299.3	308.5	1304	60.6	8	0	No Failure	
2250	L49429	L	299.2	308.5	1442	46.5	11	0	No Failure	
2251	M17110	M	299.2	308.4	1396	48.7	13	0	No Failure	
2252	H31665	H	299.1	308.3	1424	43.4	16	0	No Failure	
2253	H31666	H	299.1	308.3	1451	42.8	21	0	No Failure	
2254	L49433	L	299.2	308.4	1386	54.1	26	0	No Failure	
2255	L49434	L	299.1	308.3	1325	46.9	28	0	No Failure	
2256	L49435	L	299.1	308.3	1559	33.7	30	0	No Failure	
2257	L49436	L	299.1	308.3	1489	38.1	32	0	No Failure	
2258	L49437	L	299.1	308.3	1892	25.2	34	0	No Failure	
2259	L49438	L	299.1	308.2	1319	60.3	36	0	No Failure	
2260	L49439	L	299.1	308.3	1431	52.3	38	0	No Failure	
2261	H31674	H	299.1	308.3	1521	36.5	40	0	No Failure	
2262	M17121	M	299.1	308.2	1435	45.2	45	0	No Failure	
2263	L49442	L	299.1	308.3	1533	42.4	48	0	No Failure	
2264	M17123	M	299.2	308.4	1529	43	50	0	No Failure	
2265	M17124	M	299.2	308.4	1415	43.5	53	0	No Failure	
2266	M17125	M	299.2	308.4	1330	51.2	56	0	No Failure	
2267	L49446	L	299.2	308.5	1381	60.6	59	0	No Failure	
2268	L49447	L	299.2	308.5	1370	52.4	61	0	No Failure	
2269	L49448	L	299.2	308.5	1438	46.6	63	0	No Failure	
2270	L49449	L	299.3	308.6	1314	48.2	65	0	No Failure	
2271	L49450	L	299.3	308.6	1437	48.1	67	0	No Failure	
2272	L49451	L	299.2	308.5	1821	26.1	69	0	No Failure	
2273	M17132	M	299.3	308.6	1448	52.1	71	0	No Failure	
2274	L49453	L	299.3	308.5	1589	32.7	74	0	No Failure	
2275	L49454	L	299.3	308.6	1520	33.7	76	0	No Failure	
2276	L49455	L	299.3	308.6	1605	37	78	0	No Failure	
2277	L49456	L	299.3	308.7	1393	54.2	80	0	No Failure	
2278	H31691	H	299.3	308.7	1408	44.4	82	0	No Failure	
2279	M17138	M	299.3	308.7	1459	35.6	87	0	No Failure	

2280	L49459	L	299.4	308.7	1525	39	90	0	No Failure	
2281	L49460	L	299.4	308.8	1390	57	92	0	No Failure	
2282	L49461	L	299.3	308.7	1536	38.9	94	0	No Failure	
2283	L49462	L	299.4	308.7	1459	47.6	96	0	No Failure	
2284	L49463	L	299.2	308.5	1387	51.1	98	0	No Failure	
2285	L49464	L	299.2	308.5	1378	53.4	100	0	No Failure	
2286	L49465	L	299.4	308.7	1381	56.7	102	0	No Failure	
2287	M17146	M	299.4	308.7	1289	60.5	104	0	No Failure	
2288	L49467	L	299.4	308.6	1746	26.8	107	0	No Failure	
2289	M17148	M	299.4	308.6	1541	39.1	109	0	No Failure	
2290	L49469	L	299.4	308.7	1504	37.8	112	0	No Failure	
2291	M17150	M	299.5	308.7	1321	51.9	114	0	No Failure	
2292	M17151	M	299.5	308.8	1886	20.9	117	0	No Failure	
2293	L49472	L	299.6	308.9	1422	53.2	120	0	No Failure	
2294	L49473	L	299.5	308.9	1520	38.3	122	0	No Failure	
2295	L49474	L	299.4	308.8	1627	32.6	124	0	No Failure	
2296	L49475	L	299.4	308.7	1512	37.2	126	0	No Failure	
2297	L49476	L	299.4	308.7	1553	42.7	128	0	No Failure	
2298	L49477	L	299.3	308.7	1802	26	130	0	No Failure	
2299	L49478	L	299.3	308.6	1482	37.6	132	0	No Failure	
2300	L49479	L	299.4	308.7	1446	62.9	134	1	Power Failure	
2301	L49480	L	299.3	308.6	1371	50.5	136	0	No Failure	
2302	M17161	M	299.2	308.6	1586	35.7	138	0	No Failure	
2303	L49482	L	299.2	308.5	1515	39.8	141	0	No Failure	
2304	L49483	L	299.2	308.5	1374	53.6	143	0	No Failure	
2305	L49484	L	299.1	308.5	1455	39.8	145	0	No Failure	
2306	H31719	H	299.2	308.5	1342	47.5	147	0	No Failure	
2307	L49486	L	299.1	308.6	1260	57.8	152	0	No Failure	
2308	H31721	H	299	308.5	1623	33.5	154	0	No Failure	
2309	L49488	L	299.1	308.5	1371	55.5	159	0	No Failure	
2310	L49489	L	299.1	308.6	1611	31.4	161	0	No Failure	
2311	M17170	M	299	308.4	1535	47.5	163	0	No Failure	
2312	M17171	M	299.1	308.6	1491	38.5	166	0	No Failure	
2313	M17172	M	299.1	308.6	1441	36.2	169	0	No Failure	
2314	M17173	M	299.1	308.8	1725	26.6	172	0	No Failure	
2315	L49494	L	299.2	308.9	1368	47.2	175	0	No Failure	
2316	L49495	L	299.2	308.9	1526	37.9	177	0	No Failure	
2317	L49496	L	299.2	308.8	1542	39.2	179	0	No Failure	

2318	L49497	L	299.2	308.8	1605	31.1	181	0	No Failure	
2319	L49498	L	299.2	308.8	1405	51.4	183	0	No Failure	
2320	M17179	M	299.2	308.8	1700	33.5	185	0	No Failure	
2321	H31734	H	299.2	308.8	1440	39.1	188	0	No Failure	
2322	M17181	M	299.2	308.8	1314	52.5	193	0	No Failure	
2323	L49502	L	299.2	308.7	1514	41.9	196	0	No Failure	
2324	M17183	M	299.2	308.7	1401	47	198	0	No Failure	
2325	L49504	L	299.3	308.8	1636	29.9	201	0	No Failure	
2326	L49505	L	299.3	308.8	1603	33.9	203	0	No Failure	
2327	M17186	M	299.4	308.7	1487	52.6	205	0	No Failure	
2328	M17187	M	299.3	308.7	1420	50.3	208	0	No Failure	
2329	L49508	L	299.3	308.7	1579	36.3	211	0	No Failure	
2330	L49509	L	299.3	308.7	1484	40.5	213	0	No Failure	
2331	M17190	M	299.3	308.7	1390	49.3	215	0	No Failure	
2332	L49511	L	299.3	308.6	1384	53.6	218	1	Overstrain Failure	
2333	L49512	L	299.2	308.5	1378	50.4	220	1	Overstrain Failure	
2334	L49513	L	299.2	308.5	1445	45.2	222	0	No Failure	
2335	L49514	L	299.2	308.4	1445	43.5	224	0	No Failure	
2336	L49515	L	299.2	308.4	1509	39.4	0	0	No Failure	
2337	L49516	L	299.2	308.4	1434	46.8	2	0	No Failure	
2338	L49517	L	299.2	308.4	1877	23.9	4	0	No Failure	
2339	L49518	L	299.3	308.3	1651	28	6	0	No Failure	
2340	L49519	L	299.2	308.2	1466	41.3	8	0	No Failure	
2341	L49520	L	299.1	308.1	1479	40.7	10	0	No Failure	
2342	L49521	L	299.1	308.2	1409	46.4	12	0	No Failure	
2343	M17202	M	299.2	308.2	1674	28.2	14	0	No Failure	
2344	L49523	L	299.1	308.3	1305	61.4	17	0	No Failure	
2345	M17204	M	299.2	308.3	1755	26.4	19	0	No Failure	
2346	L49525	L	299.2	308.4	1475	38.7	22	0	No Failure	
2347	L49526	L	299.2	308.4	1402	47.7	24	0	No Failure	
2348	L49527	L	299.2	308.3	1410	43	26	0	No Failure	
2349	L49528	L	299.2	308.4	1436	41.8	28	0	No Failure	
2350	M17209	M	299.3	308.5	1386	42.2	30	0	No Failure	
2351	L49530	L	299.3	308.6	1744	26.4	33	0	No Failure	
2352	L49531	L	299.2	308.4	1393	48.4	35	0	No Failure	
2353	M17212	M	299.3	308.5	1422	45.4	37	0	No Failure	
2354	L49533	L	299.2	308.4	1841	22.8	40	0	No Failure	
2355	L49534	L	299.3	308.6	1433	37.7	42	0	No Failure	

2356	M17215	M	299.3	308.5	1305	60.6	44	0	No Failure	
2357	H31770	H	299.3	308.6	1498	39.5	47	0	No Failure	
2358	L49537	L	299.3	308.5	1772	26.1	52	0	No Failure	
2359	M17218	M	299.2	308.4	1381	42.5	54	0	No Failure	
2360	L49539	L	299.3	308.5	1413	38.5	57	0	No Failure	
2361	H31774	H	299.2	308.4	1388	53.2	59	0	No Failure	
2362	M17221	M	299.2	308.6	1631	35.4	64	0	No Failure	
2363	H31776	H	299.3	308.6	1520	41.4	67	0	No Failure	
2364	L49543	L	299.3	308.5	1510	45.4	72	0	No Failure	
2365	L49544	L	299.2	308.5	1366	49.7	74	0	No Failure	
2366	L49545	L	299.4	308.5	1845	22.9	76	0	No Failure	
2367	L49546	L	299.3	308.5	1485	44.7	78	0	No Failure	
2368	M17227	M	299.3	308.5	1496	39.4	80	0	No Failure	
2369	M17228	M	299.3	308.4	1468	42.2	83	0	No Failure	
2370	M17229	M	299.2	308.4	1856	22.7	86	0	No Failure	
2371	L49550	L	299.2	308.4	1620	34.1	89	0	No Failure	
2372	L49551	L	299.3	308.5	1409	44.8	91	0	No Failure	
2373	M17232	M	299.3	308.5	1404	49.4	93	0	No Failure	
2374	L49553	L	299.2	308.4	1350	51.3	96	0	No Failure	
2375	M17234	M	299.2	308.4	1538	38	98	0	No Failure	
2376	M17235	M	299.2	308.4	1476	32.7	101	0	No Failure	
2377	M17236	M	299.2	308.3	1364	51.8	104	0	No Failure	
2378	M17237	M	299.2	308.3	1582	45.5	107	0	No Failure	
2379	L49558	L	299.1	308.2	1348	56.1	110	0	No Failure	
2380	H31793	H	299.1	308.2	1450	46.1	112	0	No Failure	
2381	L49560	L	299	308.1	1242	60.9	117	0	No Failure	
2382	L49561	L	299.1	308.2	1493	34.9	119	0	No Failure	
2383	L49562	L	299.1	308.3	1601	31.4	121	0	No Failure	
2384	L49563	L	299.1	308.2	1568	33.3	123	0	No Failure	
2385	M17244	M	299.1	308.3	1506	38	125	0	No Failure	
2386	L49565	L	299.1	308.3	1524	34.1	128	0	No Failure	
2387	L49566	L	299.1	308.4	1543	37.9	130	0	No Failure	
2388	M17247	M	299.2	308.5	1474	47.2	132	0	No Failure	
2389	M17248	M	299.2	308.5	1526	37.3	135	0	No Failure	
2390	L49569	L	299.2	308.5	1867	27	138	0	No Failure	
2391	L49570	L	299.2	308.5	1487	41.2	140	0	No Failure	
2392	L49571	L	299.2	308.4	1580	32.6	142	0	No Failure	
2393	L49572	L	299.2	308.5	1340	50	144	0	No Failure	

2394	L49573	L	299.2	308.5	1544	41.6	146	0	No Failure	
2395	L49574	L	299.2	308.5	1488	40.3	148	0	No Failure	
2396	M17255	M	299.2	308.5	1742	28.9	150	0	No Failure	
2397	M17256	M	299.1	308.5	1592	34.2	153	0	No Failure	
2398	L49577	L	299.2	308.6	1582	38.8	156	0	No Failure	
2399	L49578	L	299.2	308.5	1490	43.2	158	0	No Failure	
2400	M17259	M	299.2	308.5	1594	35.8	160	0	No Failure	
2401	H31814	H	299.2	308.6	1462	55	163	0	No Failure	
2402	M17261	M	299.2	308.6	1367	47.6	168	0	No Failure	
2403	L49582	L	299.2	308.7	1325	51	171	0	No Failure	
2404	H31817	H	299.2	308.7	1448	51.4	173	0	No Failure	
2405	M17264	M	299.1	308.7	2008	20.3	178	0	No Failure	
2406	L49585	L	299.1	308.7	1498	38.9	181	0	No Failure	
2407	L49586	L	299.1	308.6	1437	41.6	183	0	No Failure	
2408	M17267	M	299.1	308.6	1499	45.1	185	0	No Failure	
2409	L49588	L	299	308.4	1356	52.6	188	0	No Failure	
2410	L49589	L	299.1	308.5	1539	46.8	190	0	No Failure	
2411	L49590	L	299.1	308.5	1689	32.1	192	0	No Failure	
2412	L49591	L	299	308.5	1559	38.1	194	0	No Failure	
2413	L49592	L	299.1	308.6	1408	46.7	196	0	No Failure	
2414	L49593	L	299	308.5	1886	23	198	0	No Failure	
2415	L49594	L	299.1	308.5	1415	43.4	0	0	No Failure	
2416	M17275	M	299.1	308.5	1587	35.6	2	0	No Failure	
2417	L49596	L	299	308.4	1571	38.6	5	0	No Failure	
2418	L49597	L	298.9	308.3	1576	36.6	7	0	No Failure	
2419	L49598	L	298.9	308.3	1660	34.4	9	0	No Failure	
2420	M17279	M	298.9	308.2	1328	49.2	11	0	No Failure	
2421	H31834	H	298.8	308.2	1450	44.7	14	0	No Failure	
2422	L49601	L	298.9	308.2	2384	15	19	0	No Failure	
2423	L49602	L	298.8	308.2	1443	53.4	21	0	No Failure	
2424	M17283	M	298.9	308.2	2022	20	23	0	No Failure	
2425	L49604	L	298.9	308.2	1828	23.8	26	0	No Failure	
2426	L49605	L	298.8	308.1	1472	53.5	28	0	No Failure	
2427	M17286	M	298.9	308.2	1372	63.6	30	1	Power Failure	
2428	L49607	L	298.9	308.3	1855	23.8	33	0	No Failure	
2429	M17288	M	299	308.3	1377	47.2	35	0	No Failure	
2430	L49609	L	298.9	308.3	1432	48.9	38	0	No Failure	
2431	M17290	M	298.9	308.2	1335	47.8	40	0	No Failure	

2432	M17291	M	298.9	308.2	1411	51.3	43	0	No Failure	
2433	L49612	L	298.9	308.2	1510	43.5	46	0	No Failure	
2434	L49613	L	299	308.3	1441	44	48	0	No Failure	
2435	M17294	M	299	308.2	1358	42.7	50	0	No Failure	
2436	L49615	L	298.9	308.2	1686	30.4	53	0	No Failure	
2437	H31850	H	299	308.2	1662	30.4	55	0	No Failure	
2438	L49617	L	299.1	308.3	1426	40.1	60	0	No Failure	
2439	M17298	M	299.1	308.4	1330	53.6	62	0	No Failure	
2440	L49619	L	299.1	308.4	1693	31.6	65	0	No Failure	
2441	L49620	L	299.1	308.4	1426	47.9	67	0	No Failure	
2442	L49621	L	299.1	308.5	1676	31	69	0	No Failure	
2443	M17302	M	299.1	308.4	1332	51.7	71	0	No Failure	
2444	L49623	L	299.1	308.5	1647	35	74	0	No Failure	
2445	L49624	L	299.2	308.6	1267	68.2	76	1	Power Failure	
2446	H31859	H	299.2	308.7	1375	55.1	78	0	No Failure	
2447	L49626	L	299.3	308.6	1422	48.9	83	0	No Failure	
2448	L49627	L	299.3	308.7	1408	48.7	85	0	No Failure	
2449	L49628	L	299.4	308.9	1440	42.5	87	0	No Failure	
2450	L49629	L	299.3	308.8	1772	25.2	89	0	No Failure	
2451	L49630	L	299.2	308.7	1492	37.8	91	0	No Failure	
2452	L49631	L	299.2	308.7	1650	30.5	93	0	No Failure	
2453	M17312	M	299.1	308.6	2329	14.6	95	0	No Failure	
2454	L49633	L	299	308.6	1648	30.8	98	0	No Failure	
2455	L49634	L	299	308.6	1653	31.7	100	0	No Failure	
2456	L49635	L	299	308.6	1946	22.3	102	0	No Failure	
2457	L49636	L	299.1	308.6	1555	36.6	104	0	No Failure	
2458	L49637	L	299	308.6	1661	32.2	106	0	No Failure	
2459	L49638	L	299	308.6	1434	45.9	108	0	No Failure	
2460	L49639	L	299	308.6	1297	54.2	110	0	No Failure	
2461	L49640	L	299	308.6	1466	46.4	112	0	No Failure	
2462	M17321	M	298.9	308.6	1517	39.8	114	0	No Failure	
2463	L49642	L	298.9	308.5	1742	34.5	117	0	No Failure	
2464	L49643	L	298.9	308.5	1580	39.1	119	0	No Failure	
2465	M17324	M	298.9	308.5	1534	42.9	121	0	No Failure	
2466	L49645	L	298.9	308.6	1481	40.7	124	0	No Failure	
2467	L49646	L	299	308.6	1429	37.7	126	0	No Failure	
2468	M17327	M	298.9	308.6	1574	33.5	128	0	No Failure	
2469	M17328	M	298.9	308.6	1524	40.4	131	0	No Failure	

2470	L49649	L	299	308.7	1507	37.5	134	0	No Failure	
2471	L49650	L	298.9	308.5	1467	44.7	136	0	No Failure	
2472	L49651	L	298.9	308.4	1301	51.1	138	0	No Failure	
2473	L49652	L	298.9	308.5	1429	55.1	140	0	No Failure	
2474	M17333	M	298.9	308.5	1555	37.6	142	0	No Failure	
2475	L49654	L	298.9	308.5	1503	40.6	145	0	No Failure	
2476	L49655	L	298.9	308.5	1459	43.1	147	0	No Failure	
2477	H31890	H	298.9	308.4	1449	42.4	149	0	No Failure	
2478	L49657	L	298.9	308.5	1387	57.3	154	0	No Failure	
2479	M17338	M	298.9	308.5	1456	50	156	0	No Failure	
2480	L49659	L	299	308.5	1604	34.7	159	0	No Failure	
2481	L49660	L	299	308.6	1734	32.4	161	0	No Failure	
2482	L49661	L	299	308.6	1378	47.8	163	0	No Failure	
2483	L49662	L	298.9	308.7	1504	41.8	165	0	No Failure	
2484	M17343	M	298.9	308.7	1402	49.8	167	0	No Failure	
2485	H31898	H	298.8	308.6	1524	37.7	170	0	No Failure	
2486	L49665	L	298.8	308.6	1593	35.5	175	0	No Failure	
2487	M17346	M	298.9	308.7	1772	28.4	177	0	No Failure	
2488	H31901	H	298.9	308.6	1623	31	180	0	No Failure	
2489	L49668	L	298.9	308.7	1356	50.7	185	0	No Failure	
2490	H31903	H	298.9	308.7	1500	41.6	187	0	No Failure	
2491	H31904	H	299.1	308.8	1566	46.6	192	0	No Failure	
2492	L49671	L	299.1	308.9	1445	43.4	197	0	No Failure	
2493	H31906	H	299	308.8	1382	58.5	199	0	No Failure	
2494	M17353	M	299	308.8	1418	45.7	204	0	No Failure	
2495	L49674	L	299.1	308.8	1329	53.6	207	1	Overstrain Failure	
2496	M17355	M	299.1	308.8	1491	41	209	0	No Failure	
2497	M17356	M	299.2	308.9	1573	37.4	212	0	No Failure	
2498	M17357	M	299.2	308.9	1521	42.3	215	0	No Failure	
2499	L49678	L	299.1	308.9	1467	47.2	218	0	No Failure	
2500	M17359	M	299.1	308.9	1325	48.4	220	0	No Failure	
2501	L49680	L	299.1	308.9	1617	32.3	223	0	No Failure	
2502	M17361	M	299.1	308.9	1476	42.7	225	0	No Failure	
2503	L49682	L	299.2	309	1515	48.9	228	1	Overstrain Failure	
2504	L49683	L	299.2	309	1408	47.2	0	0	No Failure	
2505	L49684	L	299.2	309.1	1468	45.6	2	0	No Failure	
2506	L49685	L	299.2	309.1	1387	48.7	4	0	No Failure	
2507	M17366	M	299.2	309.1	1503	34.7	6	0	No Failure	

2508	H31921	H	299.2	309.1	1410	47.1	9	0	No Failure	
2509	L49688	L	299	308.9	1615	30.6	14	0	No Failure	
2510	L49689	L	299	308.9	1511	35.9	16	0	No Failure	
2511	L49690	L	299.1	309	1405	53.8	18	0	No Failure	
2512	M17371	M	299	308.9	1526	41.1	20	0	No Failure	
2513	L49692	L	298.9	308.8	1530	38.3	23	0	No Failure	
2514	L49693	L	299	308.7	1583	32.5	25	0	No Failure	
2515	L49694	L	298.9	308.6	2069	18.7	27	0	No Failure	
2516	L49695	L	298.8	308.5	1490	35	29	0	No Failure	
2517	L49696	L	298.8	308.5	1736	29	31	0	No Failure	
2518	L49697	L	298.8	308.5	1395	44.4	33	0	No Failure	
2519	M17378	M	298.9	308.6	1425	49.6	35	0	No Failure	
2520	L49699	L	298.8	308.6	1631	32.4	38	0	No Failure	
2521	L49700	L	298.8	308.6	1535	41.2	40	0	No Failure	
2522	L49701	L	298.8	308.6	1584	34.4	42	0	No Failure	
2523	M17382	M	298.8	308.7	1543	38.2	44	0	No Failure	
2524	L49703	L	298.8	308.7	1635	35.2	47	0	No Failure	
2525	M17384	M	298.8	308.7	1446	45.5	49	0	No Failure	
2526	M17385	M	298.8	308.6	1598	35.1	52	0	No Failure	
2527	L49706	L	298.8	308.6	1501	35	55	0	No Failure	
2528	L49707	L	298.8	308.5	1450	50.8	57	0	No Failure	
2529	L49708	L	298.8	308.6	1730	25.9	59	0	No Failure	
2530	M17389	M	298.8	308.6	1571	33.7	61	0	No Failure	
2531	L49710	L	298.9	308.7	1438	51.7	64	0	No Failure	
2532	M17391	M	298.8	308.5	1510	38.7	66	0	No Failure	
2533	L49712	L	298.9	308.7	1389	44.9	69	0	No Failure	
2534	L49713	L	298.8	308.7	1490	33.6	71	0	No Failure	
2535	L49714	L	298.9	308.7	1729	26.6	73	0	No Failure	
2536	L49715	L	299	308.8	1495	38.4	75	0	No Failure	
2537	L49716	L	298.9	308.8	1281	53.9	77	0	No Failure	
2538	H31951	H	298.9	308.7	1353	48.1	79	0	No Failure	
2539	L49718	L	299.1	308.8	1429	50.1	84	0	No Failure	
2540	L49719	L	299.1	308.8	1413	42.1	86	0	No Failure	
2541	L49720	L	299.1	308.8	1502	38.3	88	0	No Failure	
2542	H31955	H	299.1	308.8	1553	32.6	90	0	No Failure	
2543	H31956	H	299.2	308.9	1712	26.4	95	0	No Failure	
2544	L49723	L	299.3	309	1786	23.5	100	0	No Failure	
2545	L49724	L	299.2	309	1951	21.4	102	0	No Failure	

2546	M17405	M	299.2	309	1541	36.3	104	0	No Failure	
2547	L49726	L	299.2	309.1	1605	34.3	107	0	No Failure	
2548	L49727	L	299.2	309.1	1578	38.1	109	0	No Failure	
2549	M17408	M	299.3	309.2	1440	37.5	111	0	No Failure	
2550	L49729	L	299.4	309.2	1489	42.3	114	0	No Failure	
2551	L49730	L	299.4	309.3	1366	48.4	116	0	No Failure	
2552	L49731	L	299.3	309.2	1541	37.2	118	0	No Failure	
2553	H31966	H	299.3	309.1	1552	40.7	120	0	No Failure	
2554	L49733	L	299.3	309.1	1473	40.3	125	0	No Failure	
2555	L49734	L	299.3	309.1	1531	37.9	127	0	No Failure	
2556	L49735	L	299.3	309.2	1511	37.2	129	0	No Failure	
2557	M17416	M	299.3	309.1	1449	47.9	131	0	No Failure	
2558	M17417	M	299.4	309.1	1440	50	134	0	No Failure	
2559	M17418	M	299.2	309	1881	23.9	137	0	No Failure	
2560	L49739	L	299.3	309	1447	50.4	140	0	Random Failures	
2561	M17420	M	299.4	309.1	1326	62	142	0	No Failure	
2562	L49741	L	299.4	309.2	1607	31.7	145	0	No Failure	
2563	L49742	L	299.3	309.1	1551	39.1	147	0	No Failure	
2564	L49743	L	299.3	309.1	1496	37.2	149	0	No Failure	
2565	L49744	L	299.3	309.1	1493	38	151	0	No Failure	
2566	L49745	L	299.4	309.1	1304	50.5	153	0	No Failure	
2567	M17426	M	299.3	309	1420	41.6	155	0	No Failure	
2568	L49747	L	299.4	309.1	1766	24.6	158	0	No Failure	
2569	L49748	L	299.6	309.2	1450	43.1	160	0	No Failure	
2570	H31983	H	299.5	309.2	1872	22.6	162	0	No Failure	
2571	L49750	L	299.6	309.2	1713	26.5	167	0	No Failure	
2572	M17431	M	299.5	309.2	1497	40.9	169	0	No Failure	
2573	M17432	M	299.4	309.1	1352	44.7	172	0	No Failure	
2574	L49753	L	299.5	309.2	1499	41.5	175	0	No Failure	
2575	L49754	L	299.5	309.3	1972	19.3	177	0	No Failure	
2576	L49755	L	299.5	309.3	1422	49.2	179	0	No Failure	
2577	L49756	L	299.5	309.3	1523	41.5	181	0	No Failure	
2578	L49757	L	299.5	309.4	1563	41.5	183	0	No Failure	
2579	L49758	L	299.4	309.3	1391	46.6	185	0	No Failure	
2580	L49759	L	299.3	309.1	1795	24.7	187	0	No Failure	
2581	L49760	L	299.3	309.1	1293	53.7	189	0	No Failure	
2582	L49761	L	299.2	309.1	1345	60.7	191	1	Overstrain Failure	
2583	L49762	L	299.2	309	1615	33.7	193	0	No Failure	

2584	L49763	L	299.2	308.9	1342	50.8	195	0	No Failure	
2585	L49764	L	299.1	308.8	1502	46.7	197	0	No Failure	
2586	M17445	M	299	308.7	1620	35.4	199	0	No Failure	
2587	L49766	L	299	308.7	1537	42.8	202	0	No Failure	
2588	L49767	L	299	308.7	2248	16.8	204	0	No Failure	
2589	L49768	L	299	308.7	1706	28.6	206	0	No Failure	
2590	L49769	L	299	308.7	2250	16.6	208	0	No Failure	
2591	L49770	L	299	308.7	1396	48.6	0	0	No Failure	
2592	L49771	L	298.9	308.6	1522	46.4	2	0	No Failure	
2593	L49772	L	298.9	308.6	1539	45.4	4	0	No Failure	
2594	H32007	H	298.9	308.5	1415	54	6	0	No Failure	
2595	L49774	L	298.8	308.5	1446	37	11	0	No Failure	
2596	M17455	M	298.8	308.6	1486	41.1	13	0	No Failure	
2597	L49776	L	299	308.7	1426	38.6	16	0	No Failure	
2598	L49777	L	299	308.7	1449	38.9	18	0	No Failure	
2599	L49778	L	299.1	308.8	1320	67.5	20	1	Power Failure	
2600	M17459	M	299.2	308.9	1447	39.6	22	0	No Failure	
2601	L49780	L	299.3	309	1422	47.3	25	0	No Failure	
2602	L49781	L	299.3	309.1	1399	52.1	27	0	No Failure	
2603	L49782	L	299.4	309.2	1427	41.5	29	0	No Failure	
2604	M17463	M	299.3	309.2	1334	46.3	31	0	No Failure	
2605	M17464	M	299.3	309.1	1385	45.6	34	0	No Failure	
2606	L49785	L	299.4	309.2	1552	37.4	37	0	No Failure	
2607	H32020	H	299.4	309.3	1534	37.5	39	0	No Failure	
2608	L49787	L	299.4	309.3	1448	48.6	44	0	No Failure	
2609	L49788	L	299.5	309.3	1409	44.7	46	0	No Failure	
2610	L49789	L	299.4	309.2	1621	34.5	48	0	No Failure	
2611	H32024	H	299.4	309.1	1547	40.9	50	0	No Failure	
2612	L49791	L	299.4	309.1	1957	22.1	55	0	No Failure	
2613	L49792	L	299.4	309.1	2421	14.2	57	0	No Failure	
2614	M17473	M	299.3	309.1	1571	38.3	59	0	No Failure	
2615	L49794	L	299.3	309.1	1634	36.8	62	0	No Failure	
2616	L49795	L	299.3	309	1516	38.7	64	0	No Failure	
2617	L49796	L	299.4	309.1	1207	66.5	66	0	No Failure	
2618	L49797	L	299.4	309.1	1670	35.9	68	0	No Failure	
2619	M17478	M	299.4	309.1	1461	48.6	70	0	No Failure	
2620	L49799	L	299.4	309.2	1569	40.8	73	0	No Failure	
2621	L49800	L	299.4	309.2	1556	35.7	75	0	No Failure	

2622	M17481	M	299.5	309.3	1506	41.5	77	0	No Failure	
2623	M17482	M	299.6	309.4	1642	30.3	80	0	No Failure	
2624	M17483	M	299.6	309.4	1283	62.1	83	0	No Failure	
2625	H32038	H	299.7	309.5	1375	46.8	86	0	No Failure	
2626	L49805	L	299.7	309.4	1399	39.9	91	0	No Failure	
2627	L49806	L	299.7	309.4	1650	29.8	93	0	No Failure	
2628	M17487	M	299.8	309.6	1346	53.2	95	0	No Failure	
2629	H32042	H	299.9	309.6	1410	51.2	98	0	No Failure	
2630	L49809	L	300	309.7	1586	37.8	103	0	No Failure	
2631	L49810	L	300	309.8	1372	39.6	105	0	No Failure	
2632	H32045	H	300	309.7	1529	42.4	107	0	No Failure	
2633	M17492	M	300	309.7	1652	28.6	112	0	No Failure	
2634	L49813	L	300.1	309.8	1532	39.8	115	0	No Failure	
2635	L49814	L	300	309.7	1554	32	117	0	No Failure	
2636	H32049	H	299.9	309.6	1462	51	119	0	No Failure	
2637	L49816	L	299.9	309.6	1254	61.3	124	0	No Failure	
2638	L49817	L	299.9	309.6	1294	49.7	126	0	No Failure	
2639	L49818	L	299.8	309.5	1739	27.5	128	0	No Failure	
2640	M17499	M	299.8	309.4	1412	47.8	130	0	No Failure	
2641	M17500	M	299.9	309.5	1372	56.2	133	0	No Failure	
2642	H32055	H	299.8	309.5	1420	46.7	136	0	No Failure	
2643	L49822	L	299.8	309.5	1542	40.3	141	0	No Failure	
2644	M17503	M	299.8	309.4	1401	48.1	143	0	No Failure	
2645	L49824	L	299.8	309.4	1510	42.5	146	0	No Failure	
2646	H32059	H	299.9	309.5	1547	38.5	148	0	No Failure	
2647	M17506	M	299.8	309.5	1453	43.2	153	0	No Failure	
2648	L49827	L	299.8	309.4	1408	45.6	156	0	No Failure	
2649	L49828	L	299.8	309.4	1436	51.6	158	0	No Failure	
2650	M17509	M	299.9	309.5	1582	38.2	160	0	No Failure	
2651	L49830	L	299.9	309.6	1280	59.3	163	0	No Failure	
2652	L49831	L	299.9	309.5	2008	20.4	165	0	No Failure	
2653	L49832	L	299.9	309.5	1772	23.5	167	0	No Failure	
2654	L49833	L	299.9	309.5	1779	26.1	169	0	No Failure	
2655	L49834	L	299.9	309.5	1567	35.5	171	0	No Failure	
2656	M17515	M	299.8	309.4	1751	27	173	0	No Failure	
2657	L49836	L	299.9	309.5	1349	51.3	176	0	No Failure	
2658	M17517	M	300	309.5	1425	40.8	178	0	No Failure	
2659	L49838	L	300	309.4	1395	44.5	181	0	No Failure	

2660	H32073	H	299.8	309.3	1595	32.1	183	0	No Failure	
2661	L49840	L	299.8	309.3	1291	56.4	188	0	No Failure	
2662	M17521	M	299.9	309.4	1509	42.8	190	0	No Failure	
2663	M17522	M	299.9	309.4	1483	38.1	193	0	No Failure	
2664	L49843	L	299.9	309.3	1620	31.1	196	0	No Failure	
2665	M17524	M	299.9	309.4	1487	42.2	198	0	No Failure	
2666	L49845	L	299.8	309.4	2256	15.9	201	0	No Failure	
2667	H32080	H	299.7	309.2	1691	27.7	203	0	No Failure	
2668	M17527	M	299.8	309.3	1663	35.2	208	0	No Failure	
2669	M17528	M	299.8	309.3	1640	31.1	211	0	No Failure	
2670	H32083	H	299.7	309.3	1494	37.8	214	0	No Failure	
2671	L49850	L	299.8	309.4	1467	46.2	219	0	No Failure	
2672	M17531	M	299.7	309.3	1399	41.9	221	1	Tool Wear Failure	
2673	L49852	L	299.7	309.3	1445	42.6	0	0	No Failure	
2674	L49853	L	299.8	309.4	1480	40.9	2	0	No Failure	
2675	L49854	L	299.7	309.3	1546	37.2	4	0	No Failure	
2676	L49855	L	299.7	309.3	1574	35.8	6	0	No Failure	
2677	L49856	L	299.7	309.3	1592	34.2	8	0	No Failure	
2678	L49857	L	299.8	309.5	1495	39.6	10	0	No Failure	
2679	L49858	L	299.8	309.6	1447	43.1	12	0	No Failure	
2680	L49859	L	299.8	309.5	1476	44.4	14	0	No Failure	
2681	L49860	L	299.8	309.5	1641	27.1	16	0	No Failure	
2682	L49861	L	299.8	309.5	1545	32.2	18	0	No Failure	
2683	M17542	M	299.9	309.6	1364	44.4	20	0	No Failure	
2684	L49863	L	299.8	309.5	1590	28.5	23	0	No Failure	
2685	L49864	L	299.8	309.4	1460	37.4	25	0	No Failure	
2686	L49865	L	299.8	309.4	1609	32.5	27	0	No Failure	
2687	L49866	L	299.8	309.4	1633	27.5	29	0	No Failure	
2688	L49867	L	299.9	309.4	1348	52.8	31	0	No Failure	
2689	L49868	L	299.9	309.4	1322	53.9	33	0	No Failure	
2690	L49869	L	300	309.5	1641	30.1	35	0	No Failure	
2691	L49870	L	300	309.5	1728	26	37	0	No Failure	
2692	L49871	L	300	309.6	1431	47.7	39	0	No Failure	
2693	L49872	L	300.1	309.7	1641	30.4	41	0	No Failure	
2694	M17553	M	300.1	309.6	1622	36.1	43	0	No Failure	
2695	M17554	M	300.1	309.6	1625	38	46	0	No Failure	
2696	L49875	L	300	309.5	1869	22.7	49	0	No Failure	
2697	L49876	L	300	309.6	1452	46	51	0	No Failure	

2698	L49877	L	300	309.6	1618	28.7	53	0	No Failure	
2699	L49878	L	300	309.4	2010	20	55	0	No Failure	
2700	L49879	L	299.9	309.4	1363	60.9	57	0	No Failure	
2701	L49880	L	299.9	309.3	1473	40.4	59	0	No Failure	
2702	L49881	L	299.9	309.2	1333	50.8	61	0	No Failure	
2703	L49882	L	299.8	309.2	1760	25.9	63	0	No Failure	
2704	M17563	M	299.8	309.2	1372	58.2	65	0	No Failure	
2705	M17564	M	299.7	309.2	1608	34.4	68	0	No Failure	
2706	L49885	L	299.7	309.2	1326	64.8	71	0	No Failure	
2707	M17566	M	299.6	309.1	1560	37.1	73	0	No Failure	
2708	M17567	M	299.6	309	1539	36.1	76	0	No Failure	
2709	L49888	L	299.6	309.1	2266	15.3	79	0	No Failure	
2710	L49889	L	299.6	309.1	1641	35.8	81	0	No Failure	
2711	L49890	L	299.6	309.1	1574	39.2	83	0	No Failure	
2712	L49891	L	299.6	309.1	1407	50.6	85	0	No Failure	
2713	H32126	H	299.7	309.2	1302	55.5	87	0	No Failure	
2714	M17573	M	299.6	309.2	1651	30.8	92	0	No Failure	
2715	M17574	M	299.6	309.1	1366	55.2	95	0	No Failure	
2716	M17575	M	299.5	309	1701	28.6	98	0	No Failure	
2717	L49896	L	299.5	309	1498	44.6	101	0	No Failure	
2718	M17577	M	299.5	309.1	1422	45.3	103	0	No Failure	
2719	L49898	L	299.5	309.1	1357	47.3	106	0	No Failure	
2720	L49899	L	299.5	309.2	1690	29.2	108	0	No Failure	
2721	L49900	L	299.6	309.2	1559	39.1	110	0	No Failure	
2722	M17581	M	299.6	309.3	1553	32.4	112	0	No Failure	
2723	L49902	L	299.6	309.3	1558	34.8	115	0	No Failure	
2724	L49903	L	299.7	309.4	1362	51.9	117	0	No Failure	
2725	M17584	M	299.8	309.3	1470	42.7	119	0	No Failure	
2726	L49905	L	299.8	309.4	1555	34.8	122	0	No Failure	
2727	M17586	M	299.8	309.4	1423	42.9	124	0	No Failure	
2728	L49907	L	299.7	309.3	1434	38.5	127	0	No Failure	
2729	L49908	L	299.7	309.3	1779	25.5	129	0	No Failure	
2730	L49909	L	299.7	309.3	1417	54.6	131	0	No Failure	
2731	L49910	L	299.6	309.2	1425	45.9	133	0	No Failure	
2732	M17591	M	299.7	309.2	1597	32.9	135	0	No Failure	
2733	L49912	L	299.7	309.2	1346	57.4	138	0	No Failure	
2734	L49913	L	299.7	309.2	1422	40.4	140	0	No Failure	
2735	H32148	H	299.7	309.2	1572	32.8	142	0	No Failure	

2736	L49915	L	299.7	309.2	1412	45.4	147	0	No Failure	
2737	M17596	M	299.7	309.1	1576	36.4	149	0	No Failure	
2738	M17597	M	299.7	309.1	1508	41.2	152	0	No Failure	
2739	M17598	M	299.8	309.1	1496	44.4	155	0	No Failure	
2740	L49919	L	299.8	309.2	1572	35.4	158	0	No Failure	
2741	L49920	L	299.6	309	1525	42.8	160	0	No Failure	
2742	L49921	L	299.6	309	1378	51.9	162	0	No Failure	
2743	L49922	L	299.6	309.1	1369	51.4	164	0	No Failure	
2744	L49923	L	299.6	309.1	1476	45.3	166	0	No Failure	
2745	L49924	L	299.7	309.2	1620	30	168	0	No Failure	
2746	M17605	M	299.7	309.1	1603	38.5	170	0	No Failure	
2747	L49926	L	299.7	309.2	1411	46.1	173	0	No Failure	
2748	L49927	L	299.7	309.2	1616	31.6	175	0	No Failure	
2749	L49928	L	299.7	309.2	1631	35.1	177	0	No Failure	
2750	M17609	M	299.7	309.2	1685	28.9	179	1	No Failure	
2751	H32164	H	299.7	309.2	1456	40.6	182	0	No Failure	
2752	L49931	L	299.7	309.1	1417	50.1	187	0	No Failure	
2753	M17612	M	299.7	309.1	1851	24.7	189	0	No Failure	
2754	L49933	L	299.7	309.1	1715	27.8	192	0	No Failure	
2755	H32168	H	299.6	309.1	1630	32.3	194	0	No Failure	
2756	L49935	L	299.7	309.2	1478	38.8	199	0	No Failure	
2757	L49936	L	299.7	309.2	1781	29.6	201	0	No Failure	
2758	L49937	L	299.8	309.2	1439	36.1	203	0	No Failure	
2759	M17618	M	299.7	309.2	1412	45.3	205	0	No Failure	
2760	L49939	L	299.7	309.1	1483	41.1	208	0	No Failure	
2761	L49940	L	299.8	309.2	1400	42.6	210	0	No Failure	
2762	L49941	L	299.8	309.3	1299	65.1	212	1	Overstrain Failure	
2763	L49942	L	299.8	309.2	1479	44.4	214	0	No Failure	
2764	L49943	L	299.8	309.2	1491	47.5	216	0	No Failure	
2765	M17624	M	299.9	309.3	1389	52.8	0	0	No Failure	
2766	M17625	M	299.9	309.4	1399	54.8	3	0	No Failure	
2767	M17626	M	299.9	309.4	1889	26	6	0	No Failure	
2768	L49947	L	300	309.5	1925	21.9	9	0	No Failure	
2769	L49948	L	300	309.5	1675	30.2	11	0	No Failure	
2770	M17629	M	300	309.6	1477	38.1	13	0	No Failure	
2771	L49950	L	300	309.6	1364	45.9	16	0	No Failure	
2772	L49951	L	299.9	309.5	1451	39.4	18	0	No Failure	
2773	L49952	L	299.9	309.4	1467	41.2	20	0	No Failure	

2774	L49953	L	299.9	309.4	1858	22.5	22	0	No Failure	
2775	L49954	L	300.1	309.4	1559	39.7	24	0	No Failure	
2776	L49955	L	300.1	309.4	1560	47.7	26	0	No Failure	
2777	L49956	L	300.1	309.4	1453	47.6	28	0	No Failure	
2778	L49957	L	300.1	309.4	1464	41.7	30	0	No Failure	
2779	L49958	L	300	309.4	1308	50.2	32	0	No Failure	
2780	L49959	L	300.1	309.5	1353	50.9	34	0	No Failure	
2781	M17640	M	300.2	309.6	1556	35.8	36	0	No Failure	
2782	L49961	L	300.2	309.5	2183	17.8	39	0	No Failure	
2783	M17642	M	300.2	309.6	1491	41.8	41	0	No Failure	
2784	M17643	M	300.2	309.6	1528	35.1	44	0	No Failure	
2785	L49964	L	300.2	309.6	1430	52.7	47	0	No Failure	
2786	L49965	L	300.2	309.5	1495	32.6	49	0	No Failure	
2787	M17646	M	300.2	309.5	1630	28.3	51	0	No Failure	
2788	M17647	M	300.3	309.6	1524	38.4	54	0	No Failure	
2789	L49968	L	300.3	309.6	1326	52.4	57	0	No Failure	
2790	H32203	H	300.3	309.5	1438	44	59	0	No Failure	
2791	L49970	L	300.4	309.6	1356	45.9	64	0	No Failure	
2792	H32205	H	300.4	309.6	1416	43.3	66	0	No Failure	
2793	L49972	L	300.4	309.7	1584	32.6	71	0	No Failure	
2794	L49973	L	300.3	309.6	1597	31.8	73	0	No Failure	
2795	L49974	L	300.4	309.6	1553	43.9	75	0	No Failure	
2796	M17655	M	300.3	309.5	1405	49.4	77	0	No Failure	
2797	L49976	L	300.2	309.5	1539	35.3	80	0	No Failure	
2798	M17657	M	300.3	309.6	1398	53.7	82	0	No Failure	
2799	L49978	L	300.3	309.6	1568	39.6	85	0	No Failure	
2800	L49979	L	300.3	309.6	1404	44.6	87	0	No Failure	
2801	M17660	M	300.2	309.5	1500	45.7	89	0	No Failure	
2802	M17661	M	300.2	309.5	1642	28.8	92	0	No Failure	
2803	M17662	M	300.3	309.6	1509	46.6	95	0	No Failure	
2804	L49983	L	300.2	309.5	1343	50.2	98	0	No Failure	
2805	L49984	L	300.1	309.5	1450	40.1	100	0	No Failure	
2806	L49985	L	300	309.4	1460	43.5	102	0	No Failure	
2807	L49986	L	300	309.3	1364	41.2	104	0	No Failure	
2808	M17667	M	299.9	309.3	1452	41.9	106	0	No Failure	
2809	L49988	L	299.9	309.3	1471	41.8	109	0	No Failure	
2810	L49989	L	299.9	309.2	1598	34.6	111	0	No Failure	
2811	L49990	L	299.8	309.1	1772	24.8	113	0	No Failure	

2812	L49991	L	299.9	309.2	1761	25.6	115	0	No Failure	
2813	M17672	M	300	309.3	1413	40.7	117	0	No Failure	
2814	L49993	L	300	309.3	1887	22.6	120	0	No Failure	
2815	L49994	L	300	309.3	1395	56.5	122	0	No Failure	
2816	M17675	M	300.1	309.4	1569	31.6	124	0	No Failure	
2817	L49996	L	300.1	309.4	1434	47.3	127	0	No Failure	
2818	L49997	L	300.2	309.5	1417	41.1	129	0	No Failure	
2819	L49998	L	300.2	309.5	1729	28.4	131	0	No Failure	
2820	L49999	L	300.2	309.5	1356	51.1	133	0	No Failure	
2821	L50000	L	300.2	309.5	1436	48.8	135	0	No Failure	
2822	M17681	M	300.3	309.6	1419	42.5	137	0	No Failure	
2823	L50002	L	300.3	309.6	1593	38.1	140	0	No Failure	
2824	M17683	M	300.3	309.5	1320	62.2	142	0	No Failure	
2825	M17684	M	300.3	309.5	1448	42.4	145	0	No Failure	
2826	L50005	L	300.3	309.4	1470	33.5	148	0	No Failure	
2827	M17686	M	300.3	309.4	1612	33.1	150	0	No Failure	
2828	L50007	L	300.4	309.4	1412	51.6	153	0	No Failure	
2829	M17688	M	300.4	309.4	1875	23.9	155	0	No Failure	
2830	L50009	L	300.3	309.3	1612	36	158	0	No Failure	
2831	M17690	M	300.4	309.3	1411	41.6	160	0	No Failure	
2832	M17691	M	300.3	309.2	1490	47.9	163	0	No Failure	
2833	M17692	M	300.4	309.3	1467	40.3	166	0	No Failure	
2834	L50013	L	300.3	309.2	1807	26.4	169	0	No Failure	
2835	L50014	L	300.3	309.1	1368	46	171	0	No Failure	
2836	L50015	L	300.3	309.2	1572	32	173	0	No Failure	
2837	M17696	M	300.3	309.1	1458	44.3	175	0	No Failure	
2838	L50017	L	300.3	309.1	1699	30.3	178	0	No Failure	
2839	L50018	L	300.3	309.3	1478	39.5	180	0	No Failure	
2840	M17699	M	300.4	309.4	1362	42.1	182	0	No Failure	
2841	H32254	H	300.4	309.4	1487	38.9	185	0	No Failure	
2842	L50021	L	300.3	309.4	1705	29.4	190	0	No Failure	
2843	L50022	L	300.3	309.3	1345	53.5	192	0	No Failure	
2844	L50023	L	300.3	309.2	1532	40.2	194	0	No Failure	
2845	L50024	L	300.3	309.2	1650	35.2	196	0	No Failure	
2846	L50025	L	300.3	309.2	1398	54.4	198	0	No Failure	
2847	L50026	L	300.3	309.2	1412	44.8	200	0	No Failure	
2848	L50027	L	300.4	309.3	1525	39.6	202	0	No Failure	
2849	M17708	M	300.3	309.3	1391	57.9	204	0	No Failure	

2850	L50029	L	300.4	309.3	1766	28.2	207	0	No Failure	
2851	L50030	L	300.4	309.3	1671	35	209	0	No Failure	
2852	L50031	L	300.5	309.3	1373	48.8	211	0	No Failure	
2853	M17712	M	300.5	309.4	1347	50.1	213	0	No Failure	
2854	M17713	M	300.5	309.3	1539	39.1	216	0	No Failure	
2855	L50034	L	300.5	309.3	1470	40.8	219	0	No Failure	
2856	L50035	L	300.5	309.3	1528	37	221	0	No Failure	
2857	H32270	H	300.5	309.3	1471	45.2	223	0	No Failure	
2858	M17717	M	300.4	309.2	1528	37.2	228	0	No Failure	
2859	L50038	L	300.5	309.3	1417	51.5	231	1	Overstrain Failure	
2860	L50039	L	300.6	309.4	1549	43.4	233	0	No Failure	
2861	H32274	H	300.6	309.4	1463	49.2	235	0	No Failure	
2862	L50041	L	300.7	309.5	1479	43.6	240	0	No Failure	
2863	L50042	L	300.6	309.5	1867	23	242	0	No Failure	
2864	L50043	L	300.6	309.4	1471	44.1	244	0	No Failure	
2865	H32278	H	300.6	309.4	1380	47.6	246	1	Tool Wear Failure	
2866	H32279	H	300.7	309.7	1623	32.7	0	0	No Failure	
2867	L50046	L	300.8	309.7	1997	20.7	5	0	No Failure	
2868	H32281	H	300.7	309.6	1390	48.5	7	0	No Failure	
2869	L50048	L	300.8	309.7	1418	46.6	12	0	No Failure	
2870	L50049	L	300.8	309.7	1519	35.8	14	0	No Failure	
2871	M17730	M	300.8	309.7	1519	39.7	16	0	No Failure	
2872	M17731	M	300.7	309.6	1536	37.2	19	0	No Failure	
2873	L50052	L	300.8	309.6	1680	28.7	22	0	No Failure	
2874	H32287	H	300.6	309.4	1555	37.9	24	0	No Failure	
2875	L50054	L	300.6	309.5	1471	49.6	29	0	No Failure	
2876	M17735	M	300.5	309.4	1877	23.8	31	0	No Failure	
2877	M17736	M	300.5	309.3	1578	30.5	34	0	No Failure	
2878	M17737	M	300.5	309.4	1655	32.1	37	0	No Failure	
2879	H32292	H	300.5	309.4	1502	34.3	40	0	No Failure	
2880	M17739	M	300.6	309.4	1367	63.2	45	1	Power Failure	
2881	L50060	L	300.7	309.5	1541	37.2	48	0	No Failure	
2882	M17741	M	300.6	309.6	1588	37	50	0	No Failure	
2883	L50062	L	300.6	309.6	1684	32.8	53	0	No Failure	
2884	L50063	L	300.6	309.5	1437	40	55	0	No Failure	
2885	L50064	L	300.6	309.6	1409	42.4	57	0	No Failure	
2886	M17745	M	300.5	309.5	1320	49.9	59	0	No Failure	
2887	H32300	H	300.5	309.5	1635	34.2	62	0	No Failure	

2888	M17747	M	300.5	309.5	1691	27.6	67	0	No Failure	
2889	M17748	M	300.6	309.6	1365	50	70	0	No Failure	
2890	M17749	M	300.7	309.7	1523	38.2	73	0	No Failure	
2891	L50070	L	300.6	309.7	1593	32.4	76	0	No Failure	
2892	L50071	L	300.6	309.6	1682	30.7	78	0	No Failure	
2893	L50072	L	300.7	309.6	1329	54.3	80	0	No Failure	
2894	M17753	M	300.7	309.6	1568	35.2	82	0	No Failure	
2895	L50074	L	300.7	309.6	1733	24.8	85	0	No Failure	
2896	M17755	M	300.7	309.6	1473	48.1	87	0	No Failure	
2897	M17756	M	300.7	309.5	1633	31.3	90	0	No Failure	
2898	M17757	M	300.6	309.5	1530	40.2	93	0	No Failure	
2899	M17758	M	300.6	309.5	1550	40.2	96	0	No Failure	
2900	L50079	L	300.6	309.4	1410	40.6	99	0	No Failure	
2901	L50080	L	300.5	309.3	1574	33.5	101	0	No Failure	
2902	L50081	L	300.6	309.4	1425	40.3	103	0	No Failure	
2903	M17762	M	300.6	309.4	1541	35.2	105	0	No Failure	
2904	M17763	M	300.7	309.5	1733	26.7	108	0	No Failure	
2905	L50084	L	300.6	309.4	2496	13.5	111	0	No Failure	
2906	L50085	L	300.6	309.4	1552	36.4	113	0	No Failure	
2907	L50086	L	300.6	309.3	1409	38.7	115	0	No Failure	
2908	M17767	M	300.6	309.4	1581	35.7	117	0	No Failure	
2909	L50088	L	300.7	309.5	1251	59.9	120	0	No Failure	
2910	L50089	L	300.7	309.6	1500	44.1	122	0	No Failure	
2911	L50090	L	300.6	309.5	1576	38.8	124	0	No Failure	
2912	M17771	M	300.7	309.5	1352	44	126	0	No Failure	
2913	L50092	L	300.7	309.6	1661	30.3	129	0	No Failure	
2914	L50093	L	300.7	309.6	1541	34.6	131	0	No Failure	
2915	H32328	H	300.6	309.6	1888	20.5	133	0	No Failure	
2916	L50095	L	300.5	309.5	1255	62.1	138	0	No Failure	
2917	L50096	L	300.6	309.6	1411	41.6	140	0	No Failure	
2918	L50097	L	300.6	309.5	1516	39	142	0	No Failure	
2919	M17778	M	300.6	309.5	1492	34	144	0	No Failure	
2920	L50099	L	300.6	309.6	1726	30	147	0	No Failure	
2921	L50100	L	300.7	309.7	1598	33.7	149	0	No Failure	
2922	L50101	L	300.8	309.8	1657	31.1	151	0	No Failure	
2923	L50102	L	300.8	309.7	1481	38.1	153	0	No Failure	
2924	M17783	M	300.7	309.7	1397	51.3	155	0	No Failure	
2925	L50104	L	300.8	309.7	1461	44.3	158	0	No Failure	

2926	M17785	M	300.7	309.6	1388	51.1	160	0	No Failure	
2927	L50106	L	300.7	309.7	1507	52.4	163	0	No Failure	
2928	M17787	M	300.7	309.6	1421	49.8	165	0	No Failure	
2929	M17788	M	300.8	309.7	1258	54.9	168	0	No Failure	
2930	M17789	M	300.8	309.7	1482	39	171	0	No Failure	
2931	H32344	H	300.7	309.6	1403	51.3	174	0	No Failure	
2932	L50111	L	300.8	309.7	1373	45.4	179	0	No Failure	
2933	L50112	L	300.9	309.7	1460	42.1	181	0	No Failure	
2934	M17793	M	300.8	309.7	1751	27.9	183	0	No Failure	
2935	M17794	M	300.8	309.6	1546	42.3	186	0	No Failure	
2936	M17795	M	300.8	309.7	1680	28.2	189	0	No Failure	
2937	M17796	M	300.9	309.7	1394	48.8	192	0	No Failure	
2938	L50117	L	300.7	309.6	1810	26	195	0	No Failure	
2939	L50118	L	300.7	309.5	1479	34.5	197	0	No Failure	
2940	L50119	L	300.9	309.7	1431	41.4	199	0	No Failure	
2941	L50120	L	300.9	309.7	2355	14.4	201	0	No Failure	
2942	M17801	M	300.7	309.6	1996	19.8	203	1	Tool Wear Failure	
2943	L50122	L	300.7	309.5	1461	49.9	0	0	No Failure	
2944	H32357	H	300.7	309.5	2007	19.7	2	0	No Failure	
2945	L50124	L	300.7	309.6	1505	34.9	7	0	No Failure	
2946	H32359	H	300.7	309.6	1925	20.5	9	0	No Failure	
2947	M17806	M	300.7	309.5	1622	30.5	14	0	No Failure	
2948	L50127	L	300.7	309.5	1592	29	17	0	No Failure	
2949	L50128	L	300.7	309.5	1850	24.5	19	0	No Failure	
2950	M17809	M	300.7	309.5	1470	48.7	21	0	No Failure	
2951	M17810	M	300.7	309.5	1445	46.4	24	0	No Failure	
2952	L50131	L	300.7	309.5	1685	31.1	27	0	No Failure	
2953	H32366	H	300.7	309.5	1667	30.5	29	0	No Failure	
2954	L50133	L	300.7	309.5	1578	35.4	34	0	No Failure	
2955	H32368	H	300.6	309.4	1691	28	36	0	No Failure	
2956	M17815	M	300.7	309.5	1439	43.8	41	0	No Failure	
2957	M17816	M	300.8	309.6	1404	38.7	44	0	No Failure	
2958	L50137	L	300.8	309.6	1498	45.8	47	0	No Failure	
2959	M17818	M	300.8	309.5	1481	44.5	49	0	No Failure	
2960	M17819	M	300.7	309.4	1589	35	52	0	No Failure	
2961	L50140	L	300.7	309.5	1467	44.3	55	0	No Failure	
2962	L50141	L	300.6	309.4	1654	32.8	57	0	No Failure	
2963	L50142	L	300.7	309.5	1508	39.9	59	0	No Failure	

2964	M17823	M	300.7	309.6	1439	43	61	0	No Failure	
2965	L50144	L	300.7	309.5	1692	30.3	64	0	No Failure	
2966	M17825	M	300.7	309.5	1838	24.9	66	0	No Failure	
2967	L50146	L	300.6	309.3	1601	40.2	69	0	No Failure	
2968	L50147	L	300.6	309.4	1369	51.6	71	0	No Failure	
2969	M17828	M	300.6	309.4	1312	45.2	73	0	No Failure	
2970	L50149	L	300.6	309.4	1468	44.1	76	0	No Failure	
2971	M17830	M	300.6	309.4	1452	39.4	78	0	No Failure	
2972	M17831	M	300.7	309.5	1393	43.9	81	0	No Failure	
2973	M17832	M	300.6	309.4	1432	44.2	84	0	No Failure	
2974	M17833	M	300.6	309.3	1510	46	87	0	No Failure	
2975	M17834	M	300.6	309.4	1521	37.2	90	0	No Failure	
2976	H32389	H	300.5	309.4	1360	46.2	93	0	No Failure	
2977	M17836	M	300.5	309.3	1881	25.5	98	0	No Failure	
2978	L50157	L	300.4	309.3	1413	50.3	101	0	No Failure	
2979	H32392	H	300.5	309.4	1642	36.2	103	0	No Failure	
2980	L50159	L	300.5	309.5	1542	38.5	108	0	No Failure	
2981	L50160	L	300.4	309.5	1447	39.3	110	0	No Failure	
2982	H32395	H	300.4	309.4	1530	40.4	112	0	No Failure	
2983	L50162	L	300.5	309.5	1795	27.7	117	0	No Failure	
2984	L50163	L	300.6	309.6	1290	57.4	119	0	No Failure	
2985	L50164	L	300.6	309.7	1639	30.4	121	0	No Failure	
2986	L50165	L	300.7	309.8	1596	31.5	123	0	No Failure	
2987	L50166	L	300.6	309.8	1455	48	125	0	No Failure	
2988	M17847	M	300.6	309.8	1659	28.9	127	0	No Failure	
2989	M17848	M	300.6	309.8	1532	42.5	130	0	No Failure	
2990	L50169	L	300.6	309.8	1502	42.4	133	0	No Failure	
2991	L50170	L	300.6	309.8	1688	28.6	135	0	No Failure	
2992	M17851	M	300.5	309.7	1341	50.9	137	0	No Failure	
2993	M17852	M	300.5	309.7	1685	29.4	140	0	No Failure	
2994	M17853	M	300.5	309.8	1370	55.9	143	0	No Failure	
2995	L50174	L	300.5	309.8	1461	52.5	146	0	No Failure	
2996	L50175	L	300.5	309.8	1550	37.4	148	0	No Failure	
2997	M17856	M	300.5	309.8	1508	37.8	150	0	No Failure	
2998	L50177	L	300.5	309.8	1345	62.7	153	0	No Failure	
2999	L50178	L	300.5	309.7	1616	34.5	155	0	No Failure	
3000	L50179	L	300.5	309.7	1395	61	157	0	No Failure	
3001	H32414	H	300.5	309.8	1324	72.8	159	1	Power Failure	

3002	L50181	L	300.5	309.8	1445	43.9	164	0	No Failure	
3003	M17862	M	300.5	309.8	1555	38.9	166	0	No Failure	
3004	M17863	M	300.6	309.9	1449	42.4	169	0	No Failure	
3005	M17864	M	300.5	309.9	1466	53.2	172	0	No Failure	
3006	L50185	L	300.5	309.9	1503	37.4	175	0	No Failure	
3007	L50186	L	300.4	309.7	1488	35.7	177	0	No Failure	
3008	L50187	L	300.4	309.7	1314	50.2	179	0	No Failure	
3009	M17868	M	300.4	309.7	1547	38	181	0	No Failure	
3010	M17869	M	300.4	309.7	1466	39.8	184	0	No Failure	
3011	L50190	L	300.3	309.6	1537	37.1	187	0	No Failure	
3012	M17871	M	300.2	309.5	1434	51.5	189	0	No Failure	
3013	L50192	L	300.4	309.6	1432	44.7	192	0	No Failure	
3014	L50193	L	300.5	309.6	1390	48.4	194	0	No Failure	
3015	L50194	L	300.5	309.7	1580	42.8	196	0	No Failure	
3016	L50195	L	300.5	309.7	1589	30.5	198	0	No Failure	
3017	L50196	L	300.5	309.8	1441	48.8	200	0	No Failure	
3018	L50197	L	300.5	309.8	1305	51.7	202	0	No Failure	
3019	M17878	M	300.5	309.8	1566	35.9	204	0	No Failure	
3020	L50199	L	300.5	309.8	1379	54.2	207	1	Overstrain Failure	
3021	L50200	L	300.4	309.6	1543	38.1	209	0	No Failure	
3022	L50201	L	300.5	309.8	1421	49.6	211	0	No Failure	
3023	L50202	L	300.5	309.6	1760	30.6	213	0	No Failure	
3024	L50203	L	300.4	309.5	1711	29.2	215	0	No Failure	
3025	L50204	L	300.5	309.6	1465	41.6	217	0	No Failure	
3026	L50205	L	300.5	309.6	1366	50.2	219	0	No Failure	
3027	M17886	M	300.4	309.5	1888	21.9	221	0	No Failure	
3028	L50207	L	300.5	309.5	1777	23.6	0	0	No Failure	
3029	L50208	L	300.5	309.5	1379	55.6	2	0	No Failure	
3030	L50209	L	300.4	309.5	1525	51.3	4	0	No Failure	
3031	M17890	M	300.4	309.6	1563	34	6	0	No Failure	
3032	M17891	M	300.5	309.7	1389	43.3	9	0	No Failure	
3033	M17892	M	300.6	309.8	1447	42.9	12	0	No Failure	
3034	M17893	M	300.6	309.7	1934	22.8	15	0	No Failure	
3035	H32448	H	300.6	309.7	1470	43.8	18	0	No Failure	
3036	M17895	M	300.6	309.7	1428	42.6	23	0	No Failure	
3037	L50216	L	300.4	309.6	1319	48.1	26	0	No Failure	
3038	L50217	L	300.5	309.7	1887	24.3	28	0	No Failure	
3039	L50218	L	300.4	309.5	1349	50.4	30	0	No Failure	

3040	M17899	M	300.3	309.5	1665	31.4	32	0	No Failure	
3041	L50220	L	300.3	309.5	1474	38.7	35	0	No Failure	
3042	L50221	L	300.4	309.5	1543	38.9	37	0	No Failure	
3043	M17902	M	300.2	309.4	1459	43.9	39	0	No Failure	
3044	L50223	L	300.3	309.5	1551	37.9	42	0	No Failure	
3045	L50224	L	300.2	309.4	1981	21.4	44	0	No Failure	
3046	L50225	L	300.2	309.4	1526	35.3	46	0	No Failure	
3047	M17906	M	300.2	309.4	1501	40	48	0	No Failure	
3048	L50227	L	300.2	309.4	1558	38.3	51	0	No Failure	
3049	L50228	L	300.2	309.3	1532	43.2	53	0	No Failure	
3050	L50229	L	300.1	309.2	1326	55.9	55	0	No Failure	
3051	L50230	L	300.2	309.2	1431	51.3	57	0	No Failure	
3052	L50231	L	300.2	309.3	1366	49.3	59	0	No Failure	
3053	L50232	L	300.1	309.2	1421	42.5	61	0	No Failure	
3054	H32467	H	300.2	309.3	1506	35.6	63	0	No Failure	
3055	H32468	H	300.2	309.3	1342	48.7	68	0	No Failure	
3056	L50235	L	300.1	309.2	1427	37.6	73	0	No Failure	
3057	L50236	L	300.2	309.2	1667	29.9	75	0	No Failure	
3058	L50237	L	300.1	309.1	1400	46.7	77	0	No Failure	
3059	L50238	L	300	309	1709	32.1	79	0	No Failure	
3060	M17919	M	300	309	1368	45.8	81	0	No Failure	
3061	L50240	L	300	309.1	1882	23.8	84	0	No Failure	
3062	L50241	L	300.1	309.1	1353	58.7	86	0	No Failure	
3063	L50242	L	299.9	309	1553	40	88	0	No Failure	
3064	L50243	L	300	309.1	1431	45.4	90	0	No Failure	
3065	M17924	M	300.1	309.1	1731	30.4	92	0	No Failure	
3066	M17925	M	300.1	309.2	1687	27.7	95	0	Random Failures	
3067	M17926	M	300.1	309.2	1457	44.3	98	0	No Failure	
3068	L50247	L	300.1	309.2	1533	37	101	0	No Failure	
3069	H32482	H	300	309	1622	31.8	103	0	No Failure	
3070	L50249	L	300	309.1	1791	28.2	108	0	No Failure	
3071	L50250	L	300	309.1	1631	28.3	110	0	No Failure	
3072	L50251	L	300	309	2174	16.9	112	0	No Failure	
3073	L50252	L	300.1	309	1314	58.2	114	0	No Failure	
3074	L50253	L	300.1	309.1	1478	46.9	116	0	No Failure	
3075	L50254	L	300.1	309.2	1783	27.3	118	0	No Failure	
3076	M17935	M	300.1	309.2	1385	46.1	120	0	No Failure	
3077	L50256	L	300	309.2	1444	43.6	123	0	No Failure	

3078	L50257	L	300.1	309.3	1841	23	125	0	No Failure	
3079	M17938	M	300.1	309.4	1349	56.2	127	0	No Failure	
3080	L50259	L	300.1	309.3	1340	56	130	0	No Failure	
3081	M17940	M	299.9	309.2	1539	43.2	132	0	No Failure	
3082	M17941	M	300	309.3	1932	21.8	135	0	No Failure	
3083	M17942	M	300	309.3	1407	43.9	138	0	No Failure	
3084	L50263	L	300.1	309.3	1712	28.5	141	0	No Failure	
3085	H32498	H	300.1	309.4	1329	55.2	143	0	No Failure	
3086	L50265	L	300.1	309.2	1441	42.9	148	0	No Failure	
3087	L50266	L	300	309.2	1610	32.1	150	0	No Failure	
3088	M17947	M	300	309.1	1474	45.2	152	0	No Failure	
3089	M17948	M	300	309.1	1624	30.8	155	0	No Failure	
3090	H32503	H	300.1	309.3	1520	38.2	158	0	No Failure	
3091	H32504	H	300.1	309.3	1448	45.8	163	0	No Failure	
3092	L50271	L	300	309.3	1558	29.7	168	0	No Failure	
3093	M17952	M	300	309.3	2293	16.3	170	0	No Failure	
3094	L50273	L	300	309.3	1397	51.2	173	0	No Failure	
3095	L50274	L	300	309.3	1972	22	175	0	No Failure	
3096	M17955	M	299.9	309.2	1574	36.5	177	0	No Failure	
3097	L50276	L	299.9	309.2	1560	38.9	180	0	No Failure	
3098	M17957	M	299.9	309.2	1353	49.8	182	0	No Failure	
3099	M17958	M	299.9	309.2	1389	51.2	185	0	No Failure	
3100	M17959	M	299.9	309.1	1513	43.8	188	0	No Failure	
3101	L50280	L	299.8	309.1	1578	42.1	191	0	No Failure	
3102	H32515	H	299.8	309	1467	37.3	193	0	No Failure	
3103	L50282	L	299.9	309.1	1412	48.3	198	0	No Failure	
3104	L50283	L	299.8	309.1	1668	30.3	200	0	No Failure	
3105	M17964	M	299.8	309.2	1678	29.8	202	0	No Failure	
3106	L50285	L	299.8	309.1	1612	35.4	205	0	No Failure	
3107	L50286	L	299.8	309.1	1485	39.9	207	0	No Failure	
3108	M17967	M	299.8	309.1	1456	39.4	209	0	No Failure	
3109	L50288	L	299.8	309.2	1504	38.7	212	0	No Failure	
3110	L50289	L	299.9	309.2	1491	44.3	214	0	No Failure	
3111	H32524	H	299.9	309.2	1525	33.2	0	0	No Failure	
3112	L50291	L	300	309.2	1759	27.9	5	0	No Failure	
3113	M17972	M	299.8	309.1	1355	56.7	7	0	No Failure	
3114	M17973	M	299.9	309.1	1345	56.8	10	0	No Failure	
3115	M17974	M	299.9	309.2	1683	30.5	13	0	No Failure	

3116	L50295	L	299.9	309.2	1658	34.8	16	0	No Failure	
3117	L50296	L	300	309.2	1566	34.4	18	0	No Failure	
3118	M17977	M	300.1	309.3	1469	43.9	20	0	No Failure	
3119	M17978	M	300.2	309.5	1458	46.9	23	0	No Failure	
3120	L50299	L	300.1	309.4	1858	23.6	26	0	No Failure	
3121	H32534	H	300.1	309.4	1563	40.8	28	0	No Failure	
3122	L50301	L	300.1	309.4	2141	17.9	33	0	No Failure	
3123	L50302	L	300	309.3	1473	46	35	0	No Failure	
3124	H32537	H	300	309.4	1498	38.5	37	0	No Failure	
3125	L50304	L	300.1	309.4	1568	39.7	42	0	No Failure	
3126	L50305	L	300.1	309.4	1694	27.4	44	0	No Failure	
3127	L50306	L	300	309.4	1499	35.7	46	0	No Failure	
3128	L50307	L	300	309.5	1717	28.3	48	0	No Failure	
3129	M17988	M	300.1	309.5	1462	42.8	50	0	No Failure	
3130	L50309	L	300.1	309.6	1642	34.5	53	0	No Failure	
3131	L50310	L	300.1	309.6	1760	25.4	55	0	No Failure	
3132	L50311	L	300.1	309.5	1660	32.7	57	0	No Failure	
3133	L50312	L	300.1	309.5	1557	40.6	59	0	No Failure	
3134	H32547	H	300.2	309.6	1442	49.2	61	0	No Failure	
3135	L50314	L	300.2	309.6	1359	51.5	66	0	No Failure	
3136	L50315	L	300.4	309.8	1342	52.5	68	0	No Failure	
3137	L50316	L	300.4	309.9	1435	54.8	70	0	No Failure	
3138	L50317	L	300.4	309.9	1567	36.5	72	0	No Failure	
3139	L50318	L	300.4	309.9	1376	43.5	74	0	No Failure	
3140	H32553	H	300.4	309.9	1513	38.7	76	0	No Failure	
3141	H32554	H	300.4	309.9	2563	12.8	81	1	Power Failure	
3142	L50321	L	300.5	310	1521	45.1	86	0	No Failure	
3143	L50322	L	300.6	310	1658	34.7	88	0	No Failure	
3144	H32557	H	300.6	310	1419	42.4	90	0	No Failure	
3145	M18004	M	300.6	310	1478	36.3	95	0	No Failure	
3146	M18005	M	300.5	310	1415	43.5	98	0	No Failure	
3147	M18006	M	300.5	309.9	1780	26.5	101	0	No Failure	
3148	M18007	M	300.4	309.7	1440	42.8	104	0	No Failure	
3149	H32562	H	300.4	309.8	1448	39.7	107	0	No Failure	
3150	H32563	H	300.4	309.7	1500	35.2	112	0	No Failure	
3151	L50330	L	300.4	309.8	1513	32.9	117	0	No Failure	
3152	L50331	L	300.5	309.8	1428	43.8	119	0	No Failure	
3153	M18012	M	300.5	309.8	1473	42.3	121	0	No Failure	

3154	M18013	M	300.5	309.9	1483	49.3	124	0	No Failure	
3155	L50334	L	300.4	309.7	1534	42.5	127	0	No Failure	
3156	L50335	L	300.5	309.8	1367	54	129	0	No Failure	
3157	L50336	L	300.4	309.7	1467	36.9	131	0	No Failure	
3158	M18017	M	300.4	309.7	1488	42.2	133	0	No Failure	
3159	L50338	L	300.4	309.7	1679	30.1	136	0	No Failure	
3160	H32573	H	300.4	309.8	1409	47.5	138	0	No Failure	
3161	M18020	M	300.4	309.7	1367	51.2	143	0	No Failure	
3162	L50341	L	300.4	309.8	1314	63.1	146	0	No Failure	
3163	L50342	L	300.5	309.9	1480	40	148	0	No Failure	
3164	L50343	L	300.4	309.8	1549	38.9	150	0	No Failure	
3165	L50344	L	300.4	309.7	1685	31.3	152	0	No Failure	
3166	L50345	L	300.4	309.6	1536	34.5	154	0	No Failure	
3167	M18026	M	300.4	309.7	1539	37.7	156	0	No Failure	
3168	L50347	L	300.4	309.7	1384	45.1	159	0	No Failure	
3169	M18028	M	300.4	309.6	1614	30.3	161	0	No Failure	
3170	M18029	M	300.4	309.6	1675	35.5	164	0	No Failure	
3171	M18030	M	300.4	309.7	1685	32.3	167	0	No Failure	
3172	L50351	L	300.4	309.6	1386	56.9	170	0	No Failure	
3173	M18032	M	300.3	309.6	1488	41.3	172	0	No Failure	
3174	L50353	L	300.3	309.6	1624	32.6	175	0	No Failure	
3175	L50354	L	300.3	309.6	1600	34.6	177	0	No Failure	
3176	L50355	L	300.3	309.6	1468	44.7	179	0	No Failure	
3177	L50356	L	300.3	309.6	1435	45.4	181	0	No Failure	
3178	M18037	M	300.2	309.5	1564	33.4	183	0	No Failure	
3179	M18038	M	300.2	309.4	1329	53.6	186	0	No Failure	
3180	L50359	L	300.1	309.3	1570	36.8	189	0	No Failure	
3181	M18040	M	300.2	309.4	1433	48.8	191	0	No Failure	
3182	L50361	L	300.2	309.4	1527	37	194	0	No Failure	
3183	M18042	M	300.1	309.3	1443	50.3	196	0	No Failure	
3184	L50363	L	300.1	309.3	1616	32	199	0	No Failure	
3185	L50364	L	300.1	309.3	1654	31	201	0	No Failure	
3186	L50365	L	300.1	309.3	1685	27.1	203	0	No Failure	
3187	M18046	M	300.2	309.4	1456	48.8	205	0	No Failure	
3188	M18047	M	300.2	309.4	1752	27.8	208	0	No Failure	
3189	M18048	M	300.1	309.2	1438	51	211	0	No Failure	
3190	L50369	L	300.1	309.1	1551	33.7	214	0	No Failure	
3191	L50370	L	300.1	309.2	1599	30.1	216	0	No Failure	

3192	M18051	M	300.1	309.2	1732	33.7	218	0	No Failure	
3193	M18052	M	300.1	309.2	1418	39.8	221	0	No Failure	
3194	L50373	L	300	309.1	1401	44.5	0	0	No Failure	
3195	L50374	L	300	309	1454	51.7	2	0	No Failure	
3196	M18055	M	300	309.2	1635	32.4	4	0	No Failure	
3197	L50376	L	300	309.1	1489	40.3	7	0	No Failure	
3198	L50377	L	300	309.1	1465	40.6	9	0	No Failure	
3199	M18058	M	300	309.1	1463	45.7	11	0	No Failure	
3200	H32613	H	300.1	309.1	1560	35.4	14	0	No Failure	
3201	M18060	M	300.1	309.2	1454	44.4	19	0	No Failure	
3202	L50381	L	300.2	309.1	1479	47	22	0	No Failure	
3203	L50382	L	300.2	309.2	1430	43.4	24	0	No Failure	
3204	M18063	M	300.1	309.1	1533	38	26	0	No Failure	
3205	L50384	L	300.1	309	1404	54.8	29	0	No Failure	
3206	M18065	M	300.1	308.9	1548	38.4	31	0	No Failure	
3207	M18066	M	300.1	309	1612	33	34	0	No Failure	
3208	M18067	M	300.2	309	1642	31.2	37	0	No Failure	
3209	M18068	M	300.2	309.1	1406	42.2	40	0	No Failure	
3210	L50389	L	300.3	309.2	1587	31.4	43	0	No Failure	
3211	M18070	M	300.3	309.2	1364	47.6	45	0	No Failure	
3212	L50391	L	300.3	309.2	1462	51.4	48	0	No Failure	
3213	L50392	L	300.3	309.2	1649	32.4	50	0	No Failure	
3214	L50393	L	300.4	309.2	1752	29	52	0	No Failure	
3215	H32628	H	300.4	309.3	1396	51.2	54	0	No Failure	
3216	M18075	M	300.5	309.4	2179	16.3	59	0	No Failure	
3217	L50396	L	300.5	309.5	1653	27.6	62	0	No Failure	
3218	L50397	L	300.6	309.5	2025	21.4	64	0	No Failure	
3219	L50398	L	300.6	309.6	1426	53.6	66	0	No Failure	
3220	M18079	M	300.6	309.6	1503	38.4	68	0	No Failure	
3221	M18080	M	300.7	309.6	1525	36.5	71	0	No Failure	
3222	L50401	L	300.6	309.6	1423	49.1	74	0	No Failure	
3223	M18082	M	300.7	309.7	1435	44.7	76	0	No Failure	
3224	H32637	H	300.6	309.5	1495	36.5	79	0	No Failure	
3225	M18084	M	300.6	309.5	1557	33.8	84	0	No Failure	
3226	L50405	L	300.6	309.4	1474	40.7	87	0	No Failure	
3227	L50406	L	300.5	309.3	1465	46	89	0	No Failure	
3228	M18087	M	300.5	309.3	1589	34.9	91	0	No Failure	
3229	L50408	L	300.5	309.3	1475	46.8	94	0	No Failure	

3230	L50409	L	300.6	309.4	1442	43.2	96	0	No Failure	
3231	L50410	L	300.6	309.4	1556	36	98	0	No Failure	
3232	L50411	L	300.7	309.3	1425	45.3	100	0	No Failure	
3233	L50412	L	300.7	309.3	1580	38.3	102	0	No Failure	
3234	H32647	H	300.8	309.4	1474	40.7	104	0	No Failure	
3235	L50414	L	300.8	309.4	1489	38.4	109	0	No Failure	
3236	L50415	L	300.8	309.4	1946	20.5	111	0	No Failure	
3237	M18096	M	300.8	309.4	1342	62.4	113	1	Heat Dissipation Failure	
3238	M18097	M	300.9	309.5	1758	26.8	116	0	No Failure	
3239	M18098	M	300.9	309.4	1724	25.6	119	0	No Failure	
3240	L50419	L	301	309.5	1430	48.5	122	0	No Failure	
3241	L50420	L	300.9	309.5	1612	35.2	124	0	No Failure	
3242	H32655	H	300.9	309.5	1469	43.4	126	0	No Failure	
3243	L50422	L	300.9	309.6	1384	42.4	131	0	No Failure	
3244	L50423	L	301	309.6	1724	28.1	133	0	No Failure	
3245	M18104	M	301	309.6	1397	48	135	0	No Failure	
3246	M18105	M	301	309.6	1588	32.7	138	0	No Failure	
3247	L50426	L	301	309.7	1468	42	141	0	No Failure	
3248	M18107	M	301	309.8	1594	31.1	143	0	No Failure	
3249	M18108	M	301	309.7	1511	39.3	146	0	No Failure	
3250	L50429	L	301.1	309.8	1493	38.9	149	0	No Failure	
3251	H32664	H	301.2	309.8	1709	27	151	0	No Failure	
3252	L50431	L	301.1	309.6	1501	36.1	156	0	No Failure	
3253	L50432	L	301.1	309.7	1668	30.8	158	0	No Failure	
3254	L50433	L	301.1	309.6	1502	48.9	160	0	No Failure	
3255	M18114	M	301	309.7	1288	58.4	162	0	No Failure	
3256	L50435	L	301	309.7	1491	42.9	165	0	No Failure	
3257	L50436	L	301.1	309.8	1519	39.6	167	0	No Failure	
3258	L50437	L	301.2	309.9	1984	19.7	169	0	No Failure	
3259	L50438	L	301.2	309.9	1643	32.9	171	0	No Failure	
3260	M18119	M	301.2	310	1625	31.6	173	0	No Failure	
3261	M18120	M	301.3	310	2068	17.8	176	0	No Failure	
3262	H32675	H	301.3	310.1	1469	39.7	179	0	No Failure	
3263	L50442	L	301.3	310.1	1558	36.3	184	0	No Failure	
3264	L50443	L	301.3	310	1344	54.8	186	0	No Failure	
3265	H32678	H	301.3	310.1	1455	44.1	188	0	No Failure	
3266	L50445	L	301.3	310.1	1355	53.6	193	0	No Failure	
3267	L50446	L	301.3	310.1	1269	56.8	195	1	Overstrain Failure	

3268	L50447	L	301.3	310	1550	41.5	197	0	No Failure	
3269	M18128	M	301.3	310.1	1525	37.8	199	0	No Failure	
3270	M18129	M	301.3	310	1696	32.4	202	0	No Failure	
3271	L50450	L	301.4	310.1	1937	21.8	205	0	No Failure	
3272	M18131	M	301.4	310	1689	32.1	207	0	No Failure	
3273	M18132	M	301.3	310	1593	30.8	210	0	No Failure	
3274	M18133	M	301.3	309.9	1565	36	213	0	No Failure	
3275	L50454	L	301.3	310	1665	31.4	0	0	No Failure	
3276	H32689	H	301.3	310	1532	36.3	2	0	No Failure	
3277	L50456	L	301.3	310	1438	40.9	7	0	No Failure	
3278	L50457	L	301.3	310.1	1531	41.6	9	0	No Failure	
3279	L50458	L	301.3	310	1506	40.8	11	0	No Failure	
3280	L50459	L	301.2	309.9	1382	52.4	13	0	No Failure	
3281	M18140	M	301.2	309.9	1456	50.8	15	0	No Failure	
3282	M18141	M	301.2	310	1445	45.6	18	0	No Failure	
3283	L50462	L	301.2	309.9	1515	40.9	21	0	No Failure	
3284	L50463	L	301.2	309.9	1449	45.5	23	0	No Failure	
3285	H32698	H	301.2	309.9	1362	50.7	25	0	No Failure	
3286	L50465	L	301.2	309.9	1687	29.7	30	0	No Failure	
3287	L50466	L	301.2	310	1618	37.6	32	0	No Failure	
3288	M18147	M	301.2	310.1	1558	32.6	34	0	No Failure	
3289	L50468	L	301.3	310.1	1662	31	37	0	No Failure	
3290	M18149	M	301.2	310.1	1295	56.6	39	0	No Failure	
3291	L50470	L	301.2	310.2	1385	42.3	42	0	No Failure	
3292	M18151	M	301.2	310.1	1479	45.5	44	0	No Failure	
3293	L50472	L	301.3	310.3	1400	44.3	47	0	No Failure	
3294	M18153	M	301.2	310.3	1357	54.5	49	0	No Failure	
3295	L50474	L	301.1	310.2	1657	34.1	52	0	No Failure	
3296	L50475	L	301.1	310.2	1496	43.4	54	0	No Failure	
3297	M18156	M	301.2	310.3	1379	43.2	56	0	No Failure	
3298	L50477	L	301.2	310.3	1548	38.6	59	0	No Failure	
3299	L50478	L	301.2	310.3	1499	38.1	61	0	No Failure	
3300	L50479	L	301.3	310.5	1390	45.8	63	0	No Failure	
3301	H32714	H	301.3	310.4	1538	38.4	65	0	No Failure	
3302	L50481	L	301.3	310.5	1365	47.7	70	0	No Failure	
3303	L50482	L	301.3	310.5	1503	48.6	72	0	No Failure	
3304	L50483	L	301.2	310.4	1390	49.9	74	0	No Failure	
3305	L50484	L	301.2	310.3	1497	45.7	76	0	No Failure	

3306	M18165	M	301.3	310.4	1577	48.3	78	0	No Failure	
3307	L50486	L	301.4	310.5	1432	54.3	81	0	No Failure	
3308	M18167	M	301.4	310.5	1563	39.9	83	0	No Failure	
3309	L50488	L	301.4	310.4	1433	43.4	86	0	No Failure	
3310	L50489	L	301.3	310.4	1384	50.1	88	0	No Failure	
3311	L50490	L	301.3	310.4	1346	46.7	90	0	No Failure	
3312	L50491	L	301.3	310.4	1459	44.7	92	0	No Failure	
3313	L50492	L	301.4	310.4	1639	28.9	94	0	No Failure	
3314	L50493	L	301.4	310.4	1737	31.9	96	0	No Failure	
3315	L50494	L	301.4	310.5	1489	43.5	98	0	No Failure	
3316	M18175	M	301.5	310.6	1492	43	100	0	No Failure	
3317	M18176	M	301.4	310.5	1217	60.6	103	0	No Failure	
3318	L50497	L	301.5	310.5	1636	28.7	106	0	No Failure	
3319	L50498	L	301.4	310.4	1436	49.7	108	0	No Failure	
3320	L50499	L	301.4	310.4	1689	30.6	110	0	No Failure	
3321	L50500	L	301.5	310.5	2289	16.4	112	0	No Failure	
3322	L50501	L	301.5	310.6	1522	41	114	0	No Failure	
3323	L50502	L	301.5	310.5	1351	52.9	116	0	No Failure	
3324	L50503	L	301.5	310.5	1589	36.7	118	0	No Failure	
3325	L50504	L	301.5	310.6	1578	34.1	120	0	No Failure	
3326	L50505	L	301.5	310.6	1587	33.7	122	0	No Failure	
3327	L50506	L	301.5	310.6	1962	20.2	124	0	No Failure	
3328	M18187	M	301.5	310.6	2432	14.2	126	0	No Failure	
3329	L50508	L	301.6	310.6	1418	43.9	129	0	No Failure	
3330	L50509	L	301.6	310.7	1683	29.7	131	0	No Failure	
3331	L50510	L	301.7	310.8	1385	50.7	133	0	No Failure	
3332	L50511	L	301.7	310.8	1559	44.5	135	0	No Failure	
3333	M18192	M	301.7	310.8	1671	31.6	137	0	No Failure	
3334	M18193	M	301.6	310.8	1343	49.5	140	0	No Failure	
3335	M18194	M	301.6	310.8	1548	34.2	143	0	No Failure	
3336	L50515	L	301.7	310.9	1705	31.2	146	0	No Failure	
3337	L50516	L	301.6	310.8	1535	35.4	148	0	No Failure	
3338	L50517	L	301.6	310.8	1564	34.1	150	0	No Failure	
3339	M18198	M	301.6	310.9	1510	40.9	152	0	No Failure	
3340	L50519	L	301.6	310.9	1492	45.2	155	0	No Failure	
3341	M18200	M	301.5	310.8	1452	44.1	157	0	No Failure	
3342	H32755	H	301.4	310.7	1329	52	160	0	No Failure	
3343	L50522	L	301.5	310.8	1382	52.4	165	0	No Failure	

3344	M18203	M	301.5	310.8	1628	36.4	167	0	No Failure	
3345	L50524	L	301.4	310.7	1706	27.9	170	0	No Failure	
3346	L50525	L	301.3	310.7	1594	34.1	172	0	No Failure	
3347	L50526	L	301.3	310.7	1761	24.3	174	0	No Failure	
3348	L50527	L	301.3	310.6	1529	41.8	176	0	No Failure	
3349	M18208	M	301.3	310.7	1532	40.7	178	0	No Failure	
3350	L50529	L	301.4	310.7	1673	27.8	181	0	No Failure	
3351	L50530	L	301.4	310.8	1285	62.6	183	1	Overstrain Failure	
3352	L50531	L	301.4	310.8	1680	31.4	185	0	No Failure	
3353	L50532	L	301.4	310.8	1610	34.6	187	0	No Failure	
3354	L50533	L	301.6	310.9	1632	31.6	189	0	No Failure	
3355	L50534	L	301.6	310.9	1559	40.2	191	0	No Failure	
3356	L50535	L	301.5	310.8	1367	49	193	0	No Failure	
3357	L50536	L	301.6	310.8	1355	57.8	195	1	Overstrain Failure	
3358	H32771	H	301.6	310.7	1414	51.7	197	0	No Failure	
3359	L50538	L	301.5	310.6	1522	36.6	202	0	No Failure	
3360	L50539	L	301.5	310.6	1525	41.9	204	0	No Failure	
3361	L50540	L	301.5	310.6	1394	46.5	206	0	No Failure	
3362	L50541	L	301.5	310.6	1519	40.7	208	0	No Failure	
3363	L50542	L	301.4	310.6	1445	43.9	210	0	No Failure	
3364	L50543	L	301.4	310.6	1555	43.3	212	0	No Failure	
3365	L50544	L	301.4	310.5	1633	39.5	0	0	No Failure	
3366	M18225	M	301.4	310.6	1630	30.3	2	0	No Failure	
3367	M18226	M	301.4	310.7	1692	32.3	5	0	No Failure	
3368	H32781	H	301.5	310.7	1790	26.2	8	0	No Failure	
3369	L50548	L	301.5	310.8	1350	58.5	13	0	No Failure	
3370	L50549	L	301.5	310.9	2760	8	15	1	Power Failure	
3371	L50550	L	301.4	310.7	1584	32.2	17	0	No Failure	
3372	L50551	L	301.4	310.7	1989	21.8	19	0	No Failure	
3373	L50552	L	301.4	310.8	1431	44.3	21	0	No Failure	
3374	L50553	L	301.4	310.7	1568	35.2	23	0	No Failure	
3375	L50554	L	301.4	310.7	1376	50.6	25	0	No Failure	
3376	M18235	M	301.4	310.6	1459	46.9	27	0	No Failure	
3377	M18236	M	301.5	310.8	1385	47.5	30	0	No Failure	
3378	H32791	H	301.5	310.8	1591	29.6	33	0	No Failure	
3379	L50558	L	301.5	310.7	1568	33.1	38	0	No Failure	
3380	M18239	M	301.4	310.7	1459	37.7	40	0	No Failure	
3381	L50560	L	301.4	310.7	1590	36.3	43	0	No Failure	

3382	L50561	L	301.3	310.6	1376	47.6	45	0	No Failure	
3383	L50562	L	301.3	310.6	1510	38.5	47	0	No Failure	
3384	H32797	H	301.4	310.6	1674	33.6	49	0	No Failure	
3385	L50564	L	301.3	310.6	1426	40.7	54	0	No Failure	
3386	L50565	L	301.5	310.7	1466	43.6	56	0	No Failure	
3387	H32800	H	301.5	310.8	1474	38.7	58	0	No Failure	
3388	M18247	M	301.6	310.8	1290	65.3	63	0	No Failure	
3389	M18248	M	301.7	310.9	1435	48	66	0	No Failure	
3390	M18249	M	301.5	310.7	1416	53.2	69	0	No Failure	
3391	H32804	H	301.5	310.7	1599	40.4	72	0	No Failure	
3392	L50571	L	301.5	310.7	1466	47.3	77	0	No Failure	
3393	L50572	L	301.5	310.7	1408	47.3	79	0	No Failure	
3394	L50573	L	301.5	310.6	1490	48.1	81	0	No Failure	
3395	L50574	L	301.5	310.6	1405	42.3	83	0	No Failure	
3396	L50575	L	301.4	310.5	1647	33.3	85	0	No Failure	
3397	M18256	M	301.4	310.6	1459	35	87	0	No Failure	
3398	L50577	L	301.4	310.6	1648	30.7	90	0	No Failure	
3399	L50578	L	301.4	310.7	1675	30.7	92	0	No Failure	
3400	L50579	L	301.4	310.7	1605	34.2	94	0	No Failure	
3401	H32814	H	301.4	310.7	1536	44.4	96	0	No Failure	
3402	M18261	M	301.4	310.7	1617	34.3	101	0	No Failure	
3403	L50582	L	301.4	310.6	1347	53.3	104	0	No Failure	
3404	L50583	L	301.3	310.5	1337	52.7	106	0	No Failure	
3405	L50584	L	301.3	310.4	1695	30.9	108	0	No Failure	
3406	M18265	M	301.3	310.4	1635	32.5	110	0	No Failure	
3407	L50586	L	301.2	310.4	1470	44	113	0	No Failure	
3408	L50587	L	301.2	310.4	1381	49.8	115	0	No Failure	
3409	M18268	M	301.2	310.4	1382	41.6	117	0	No Failure	
3410	M18269	M	301.2	310.4	1697	30	120	0	No Failure	
3411	L50590	L	301.2	310.3	1451	39.7	123	0	No Failure	
3412	L50591	L	301.3	310.3	1419	55.7	125	0	No Failure	
3413	L50592	L	301.3	310.3	1313	55.6	127	0	No Failure	
3414	L50593	L	301.3	310.3	1560	36.3	129	0	No Failure	
3415	L50594	L	301.3	310.3	1555	41.2	131	0	No Failure	
3416	L50595	L	301.4	310.4	1579	36.9	133	0	No Failure	
3417	L50596	L	301.5	310.5	1435	44.6	135	0	No Failure	
3418	L50597	L	301.6	310.6	1621	33.7	137	0	No Failure	
3419	H32832	H	301.6	310.6	1555	40.4	139	0	No Failure	

3420	L50599	L	301.5	310.5	1611	33.8	144	0	No Failure	
3421	L50600	L	301.6	310.6	1834	23.5	146	0	No Failure	
3422	M18281	M	301.5	310.5	1612	29.8	148	0	No Failure	
3423	L50602	L	301.5	310.4	1629	34.1	151	0	No Failure	
3424	L50603	L	301.4	310.4	1496	35.2	153	0	No Failure	
3425	L50604	L	301.5	310.5	1593	32.9	155	0	No Failure	
3426	M18285	M	301.5	310.5	1623	33.5	157	0	No Failure	
3427	L50606	L	301.5	310.5	1380	48.7	160	0	No Failure	
3428	L50607	L	301.6	310.6	1562	34.4	162	0	No Failure	
3429	L50608	L	301.6	310.6	1391	49.4	164	0	No Failure	
3430	H32843	H	301.5	310.5	1551	34.3	166	0	No Failure	
3431	H32844	H	301.6	310.6	1821	26.2	171	0	No Failure	
3432	L50611	L	301.6	310.7	1429	43.6	176	0	No Failure	
3433	M18292	M	301.6	310.7	2012	20.7	178	0	No Failure	
3434	M18293	M	301.6	310.6	1924	23.6	181	0	No Failure	
3435	M18294	M	301.5	310.5	1412	44.1	184	0	No Failure	
3436	L50615	L	301.5	310.5	1389	54.9	187	0	No Failure	
3437	L50616	L	301.5	310.5	1466	48.1	189	0	No Failure	
3438	L50617	L	301.5	310.5	2297	15.8	191	0	No Failure	
3439	L50618	L	301.4	310.4	1471	37.5	193	0	No Failure	
3440	L50619	L	301.4	310.3	1492	41.4	195	0	No Failure	
3441	L50620	L	301.3	310.3	1460	41.5	197	0	No Failure	
3442	L50621	L	301.4	310.4	1559	39.4	199	0	No Failure	
3443	M18302	M	301.4	310.5	1495	52.5	201	0	No Failure	
3444	L50623	L	301.5	310.5	1535	39	204	0	No Failure	
3445	L50624	L	301.5	310.6	1381	50.7	206	0	No Failure	
3446	M18305	M	301.6	310.6	1599	36.1	208	0	No Failure	
3447	H32860	H	301.6	310.6	1400	49.5	211	0	No Failure	
3448	L50627	L	301.7	310.6	1624	34.5	216	0	No Failure	
3449	L50628	L	301.6	310.6	1478	36.6	218	0	No Failure	
3450	L50629	L	301.7	310.7	1605	33.3	220	0	No Failure	
3451	L50630	L	301.6	310.6	1506	43.4	222	0	No Failure	
3452	L50631	L	301.6	310.6	1455	43.9	0	0	No Failure	
3453	H32866	H	301.6	310.5	1602	32.3	2	0	Random Failures	
3454	L50633	L	301.5	310.4	1425	54.4	7	0	No Failure	
3455	L50634	L	301.5	310.4	1918	21.8	9	0	No Failure	
3456	H32869	H	301.4	310.3	1611	41.5	11	0	No Failure	
3457	H32870	H	301.4	310.4	1610	38.6	16	0	No Failure	

3458	M18317	M	301.5	310.4	2639	12	21	1	Power Failure	
3459	L50638	L	301.5	310.4	1329	46.6	24	0	No Failure	
3460	L50639	L	301.5	310.4	1270	54.2	26	0	No Failure	
3461	L50640	L	301.5	310.3	1415	41.6	28	0	No Failure	
3462	H32875	H	301.6	310.4	1330	49.5	30	0	No Failure	
3463	H32876	H	301.6	310.5	1786	27.1	35	0	No Failure	
3464	L50643	L	301.6	310.5	1809	25.5	40	0	No Failure	
3465	L50644	L	301.7	310.6	1303	59.7	42	0	No Failure	
3466	M18325	M	301.8	310.7	1383	45.7	44	0	No Failure	
3467	L50646	L	301.7	310.6	1447	56.9	47	0	No Failure	
3468	L50647	L	301.8	310.7	1461	44.2	49	0	No Failure	
3469	L50648	L	301.8	310.7	2092	18.6	51	0	No Failure	
3470	M18329	M	301.8	310.7	1429	47.9	53	0	No Failure	
3471	L50650	L	301.8	310.8	1736	26.5	56	0	No Failure	
3472	L50651	L	301.8	310.7	1441	49.3	58	0	No Failure	
3473	L50652	L	301.8	310.7	1523	43.3	60	0	No Failure	
3474	M18333	M	301.8	310.8	1691	33.4	62	0	No Failure	
3475	M18334	M	301.9	310.8	1557	35.3	65	0	No Failure	
3476	L50655	L	301.8	310.7	1644	33.4	68	0	No Failure	
3477	L50656	L	301.8	310.6	1522	43.8	70	0	No Failure	
3478	L50657	L	301.8	310.7	1547	41.7	72	0	No Failure	
3479	L50658	L	301.8	310.7	1597	30.8	74	0	No Failure	
3480	M18339	M	301.8	310.8	1619	31	76	0	No Failure	
3481	L50660	L	301.9	310.8	1400	58.2	79	0	No Failure	
3482	L50661	L	302	310.9	1663	31.5	81	0	No Failure	
3483	L50662	L	301.9	310.8	1540	37.6	83	0	No Failure	
3484	H32897	H	301.9	310.8	1455	42.7	85	0	No Failure	
3485	L50664	L	301.9	310.8	1519	39	90	0	No Failure	
3486	L50665	L	301.9	310.8	1427	47.7	92	0	No Failure	
3487	L50666	L	301.9	310.8	1650	29.8	94	0	No Failure	
3488	M18347	M	301.8	310.8	1508	38.8	96	0	No Failure	
3489	L50668	L	301.9	310.9	1379	54.8	99	0	No Failure	
3490	L50669	L	301.9	310.9	1542	36.7	101	0	No Failure	
3491	M18350	M	301.9	310.9	1763	28.4	103	0	No Failure	
3492	H32905	H	301.9	310.9	1590	34.3	106	0	No Failure	
3493	H32906	H	301.9	311	1336	63.6	111	0	No Failure	
3494	M18353	M	301.9	311	1638	35.4	116	0	No Failure	
3495	L50674	L	301.9	311	1356	45.7	119	0	No Failure	

3496	M18355	M	301.9	311	1384	47.4	121	0	No Failure	
3497	L50676	L	301.9	310.9	1309	48	124	0	No Failure	
3498	L50677	L	301.9	311	1642	33.1	126	0	No Failure	
3499	L50678	L	301.9	311	1289	54.9	128	0	No Failure	
3500	L50679	L	301.9	311	1353	43.8	130	0	No Failure	
3501	H32914	H	301.9	311	1871	26	132	0	No Failure	
3502	H32915	H	301.9	311	1291	63.6	137	0	No Failure	
3503	M18362	M	301.8	310.9	1346	44.6	142	0	No Failure	
3504	L50683	L	301.7	310.8	1493	47.6	145	0	No Failure	
3505	M18364	M	301.7	310.8	1524	41.3	147	0	No Failure	
3506	L50685	L	301.6	310.8	1726	26.7	150	0	No Failure	
3507	H32920	H	301.6	310.8	1435	47.2	152	0	No Failure	
3508	M18367	M	301.7	310.8	1502	34.4	157	0	No Failure	
3509	L50688	L	301.7	310.9	1608	33	160	0	No Failure	
3510	L50689	L	301.8	311	1771	27.2	162	0	No Failure	
3511	L50690	L	301.7	311	1474	42.6	164	0	No Failure	
3512	L50691	L	301.8	311	1322	53	166	0	No Failure	
3513	M18372	M	301.8	311	1393	49.5	168	0	No Failure	
3514	M18373	M	301.9	311.1	1417	52.5	171	0	No Failure	
3515	H32928	H	301.9	311	1430	49.8	174	0	No Failure	
3516	M18375	M	301.9	311.1	1605	40	179	0	No Failure	
3517	L50696	L	302	311.1	1402	47.8	182	0	No Failure	
3518	L50697	L	302	311	1550	35.2	184	0	No Failure	
3519	L50698	L	301.9	311	1376	44.9	186	0	No Failure	
3520	M18379	M	301.9	310.9	1569	32.5	188	0	No Failure	
3521	L50700	L	301.9	311	1669	32.2	191	0	No Failure	
3522	L50701	L	301.9	311	1541	38.9	193	0	No Failure	
3523	L50702	L	301.8	311	1651	32.5	195	0	No Failure	
3524	L50703	L	301.8	310.9	1521	39.3	197	0	No Failure	
3525	M18384	M	301.8	310.8	1365	48.2	199	0	No Failure	
3526	L50705	L	301.8	310.9	1609	31.7	202	0	No Failure	
3527	H32940	H	301.8	310.8	1470	37.6	204	0	No Failure	
3528	M18387	M	301.9	310.9	1573	38.9	209	0	No Failure	
3529	L50708	L	302	310.9	1378	53.1	212	1	Overstrain Failure	
3530	L50709	L	301.9	310.9	1567	39	214	1	Tool Wear Failure	
3531	M18390	M	301.9	310.9	1441	43.7	0	0	No Failure	
3532	M18391	M	301.9	310.9	1641	33.2	3	0	No Failure	
3533	L50712	L	301.9	310.9	1486	40.3	6	0	No Failure	

3534	L50713	L	302	311	1563	36.2	8	0	No Failure	
3535	M18394	M	302	311.1	1769	26	10	0	No Failure	
3536	H32949	H	301.9	311	1672	29.9	13	0	No Failure	
3537	L50716	L	302	311	1632	34.2	18	0	No Failure	
3538	M18397	M	302	311	1980	21.5	20	0	No Failure	
3539	L50718	L	302	311.1	1635	36	23	0	No Failure	
3540	L50719	L	302	311	1686	32.5	25	0	No Failure	
3541	L50720	L	301.9	310.9	1574	31.4	27	0	No Failure	
3542	L50721	L	301.8	310.8	1546	43.4	29	0	No Failure	
3543	L50722	L	301.8	310.9	1899	24.7	31	0	No Failure	
3544	L50723	L	301.8	310.9	1449	36.5	33	0	No Failure	
3545	M18404	M	301.9	310.9	1483	37	35	0	No Failure	
3546	L50725	L	301.8	310.8	1576	38.6	38	0	No Failure	
3547	M18406	M	301.9	310.9	1317	51.9	40	0	No Failure	
3548	M18407	M	301.9	311	1467	48.1	43	0	No Failure	
3549	L50728	L	301.9	310.9	1616	34.5	46	0	No Failure	
3550	M18409	M	301.8	310.9	1299	60.4	48	0	No Failure	
3551	M18410	M	301.9	311	1432	41.5	51	0	No Failure	
3552	L50731	L	301.9	310.9	1799	24.2	54	0	No Failure	
3553	M18412	M	301.8	310.9	1358	52.3	56	0	No Failure	
3554	M18413	M	301.8	310.8	1618	37.8	59	0	No Failure	
3555	L50734	L	301.9	310.8	1525	43.2	62	0	No Failure	
3556	L50735	L	301.8	310.7	1551	37.7	64	0	No Failure	
3557	L50736	L	301.9	310.8	1735	31.5	66	0	No Failure	
3558	M18417	M	301.8	310.7	1309	43.3	68	0	No Failure	
3559	L50738	L	301.7	310.6	1743	26.2	71	0	No Failure	
3560	M18419	M	301.7	310.7	1659	29.9	73	0	No Failure	
3561	L50740	L	301.8	310.7	1680	32.4	76	0	No Failure	
3562	L50741	L	301.7	310.6	1486	38.5	78	0	No Failure	
3563	L50742	L	301.7	310.6	1471	43.8	80	0	No Failure	
3564	M18423	M	301.8	310.7	1465	35.8	82	0	No Failure	
3565	M18424	M	301.7	310.6	1492	42.2	85	0	No Failure	
3566	M18425	M	301.8	310.7	1420	52	88	0	No Failure	
3567	L50746	L	301.8	310.6	1295	62.3	91	0	No Failure	
3568	L50747	L	301.8	310.5	1548	34.1	93	0	No Failure	
3569	L50748	L	301.8	310.6	1372	54.7	95	0	No Failure	
3570	M18429	M	301.8	310.6	1552	35.9	97	0	No Failure	
3571	H32984	H	301.8	310.6	1441	46.3	100	0	No Failure	

3572	M18431	M	301.7	310.6	1691	27.7	105	0	No Failure	
3573	L50752	L	301.8	310.6	1451	50.7	108	0	No Failure	
3574	L50753	L	301.8	310.6	1452	48.4	110	0	No Failure	
3575	L50754	L	301.7	310.6	1406	46	112	0	No Failure	
3576	L50755	L	301.7	310.5	1567	39.1	114	0	No Failure	
3577	L50756	L	301.6	310.4	1599	41.7	116	0	No Failure	
3578	M18437	M	301.6	310.4	1455	39	118	0	No Failure	
3579	M18438	M	301.7	310.5	1625	35.9	121	0	No Failure	
3580	L50759	L	301.8	310.6	2672	11.8	124	1	Power Failure	
3581	L50760	L	301.8	310.6	1650	31.9	126	0	No Failure	
3582	M18441	M	301.8	310.6	1459	40.2	128	0	No Failure	
3583	L50762	L	301.8	310.6	1395	50.5	131	0	No Failure	
3584	L50763	L	301.8	310.7	1751	29.3	133	0	No Failure	
3585	L50764	L	301.8	310.6	1192	68.9	135	0	No Failure	
3586	L50765	L	301.9	310.7	1947	25	137	0	No Failure	
3587	L50766	L	301.8	310.5	1593	34.9	139	0	No Failure	
3588	H33001	H	301.8	310.5	1478	38.6	141	0	No Failure	
3589	M18448	M	301.7	310.6	1505	44.5	146	0	No Failure	
3590	L50769	L	301.7	310.5	2465	13.7	149	0	No Failure	
3591	L50770	L	301.8	310.6	1403	46.8	151	0	No Failure	
3592	M18451	M	301.7	310.5	1458	41.4	153	0	No Failure	
3593	H33006	H	301.6	310.4	1369	45.4	156	0	No Failure	
3594	M18453	M	301.6	310.4	1377	44.9	161	0	No Failure	
3595	M18454	M	301.6	310.4	1452	45.7	164	0	No Failure	
3596	L50775	L	301.6	310.4	1517	41.1	167	0	No Failure	
3597	L50776	L	301.7	310.5	1354	50	169	0	No Failure	
3598	M18457	M	301.7	310.5	1724	33	171	0	No Failure	
3599	L50778	L	301.7	310.5	1399	53.2	174	0	No Failure	
3600	H33013	H	301.7	310.5	1388	50.5	176	0	No Failure	
3601	L50780	L	301.7	310.5	1523	34.7	181	0	No Failure	
3602	L50781	L	301.7	310.5	1377	43.1	183	0	No Failure	
3603	M18462	M	301.7	310.6	1417	45.2	185	0	No Failure	
3604	L50783	L	301.7	310.7	1542	40	188	0	No Failure	
3605	L50784	L	301.8	310.8	1557	33.3	190	0	No Failure	
3606	L50785	L	301.7	310.7	1641	31.9	192	0	No Failure	
3607	L50786	L	301.7	310.7	1318	55	194	0	No Failure	
3608	L50787	L	301.6	310.7	1638	33.8	196	0	No Failure	
3609	M18468	M	301.7	310.8	1954	21.6	198	0	No Failure	

3610	M18469	M	301.7	310.9	1644	32.5	201	0	No Failure	
3611	M18470	M	301.7	310.8	1594	32.4	204	0	No Failure	
3612	L50791	L	301.7	310.9	1405	46.4	207	1	Tool Wear Failure	
3613	L50792	L	301.7	310.8	1622	37.8	0	0	No Failure	
3614	L50793	L	301.7	310.9	1557	39.4	2	0	No Failure	
3615	L50794	L	301.8	311	1606	33.3	4	0	No Failure	
3616	M18475	M	301.8	311.1	1647	31.6	6	0	No Failure	
3617	M18476	M	301.8	311.1	1413	42.2	9	0	No Failure	
3618	L50797	L	301.8	311	1529	41.6	12	0	No Failure	
3619	L50798	L	301.9	311.1	1448	46.3	14	0	No Failure	
3620	L50799	L	301.9	311.2	1435	44.2	16	0	No Failure	
3621	H33034	H	301.9	311.2	1474	41.8	18	0	No Failure	
3622	L50801	L	301.9	311.2	1657	29.1	23	0	No Failure	
3623	L50802	L	302	311.3	1509	39.9	25	0	No Failure	
3624	M18483	M	302	311.3	1530	36.4	27	0	No Failure	
3625	M18484	M	302	311.4	1587	35.9	30	0	No Failure	
3626	M18485	M	302.1	311.4	1467	43.4	33	0	No Failure	
3627	M18486	M	302.2	311.5	1360	53	36	0	No Failure	
3628	L50807	L	302.2	311.5	1588	30.6	39	0	No Failure	
3629	L50808	L	302.2	311.4	1609	32.1	41	0	No Failure	
3630	L50809	L	302.1	311.3	1415	44.1	43	0	No Failure	
3631	L50810	L	302	311.2	1845	27.3	45	0	No Failure	
3632	M18491	M	302.1	311.4	1419	36.2	47	0	No Failure	
3633	L50812	L	302.1	311.3	1634	30.6	50	0	No Failure	
3634	M18493	M	302.2	311.3	1521	40.6	52	0	No Failure	
3635	L50814	L	302.2	311.4	1499	37.7	55	0	No Failure	
3636	M18495	M	302.1	311.2	1616	35.1	57	0	No Failure	
3637	L50816	L	302.2	311.4	1449	46.5	60	0	No Failure	
3638	M18497	M	302.2	311.4	1626	31.6	62	0	No Failure	
3639	M18498	M	302.3	311.5	1445	44.8	65	0	No Failure	
3640	L50819	L	302.4	311.6	1622	35	68	0	No Failure	
3641	H33054	H	302.4	311.6	1544	39.1	70	0	No Failure	
3642	L50821	L	302.3	311.6	1488	41.8	75	0	No Failure	
3643	L50822	L	302.3	311.6	1309	57.6	77	0	No Failure	
3644	L50823	L	302.3	311.6	1784	26.4	79	0	No Failure	
3645	L50824	L	302.2	311.5	1548	32.4	81	0	No Failure	
3646	L50825	L	302.2	311.5	1413	43.5	83	0	No Failure	
3647	M18506	M	302.2	311.5	1863	25.7	85	0	No Failure	

3648	L50827	L	302.2	311.5	1427	43.8	88	0	No Failure	
3649	M18508	M	302.2	311.5	1443	47	90	0	No Failure	
3650	L50829	L	302.2	311.5	1481	40.4	93	0	No Failure	
3651	L50830	L	302.1	311.4	1446	39.7	95	0	No Failure	
3652	L50831	L	302.1	311.5	1444	44.9	97	0	No Failure	
3653	M18512	M	302.1	311.5	1341	50.8	99	0	No Failure	
3654	L50833	L	302.1	311.4	1518	37.4	102	0	No Failure	
3655	L50834	L	302.1	311.4	1603	35.9	104	0	No Failure	
3656	L50835	L	302.1	311.4	1686	30.9	106	0	No Failure	
3657	M18516	M	302.1	311.5	1383	53.6	108	0	No Failure	
3658	L50837	L	302.1	311.5	1477	45.4	111	0	No Failure	
3659	M18518	M	302.2	311.5	1449	44.5	113	0	No Failure	
3660	M18519	M	302.2	311.5	1734	25	116	0	No Failure	
3661	L50840	L	302.3	311.6	1398	49.1	119	0	No Failure	
3662	M18521	M	302.3	311.7	1639	36.6	121	0	No Failure	
3663	M18522	M	302.3	311.7	1517	37.6	124	0	No Failure	
3664	M18523	M	302.3	311.7	1442	41.7	127	0	No Failure	
3665	M18524	M	302.3	311.7	1685	30.8	130	0	No Failure	
3666	M18525	M	302.4	311.8	1358	50.6	133	0	No Failure	
3667	M18526	M	302.3	311.6	1608	39.9	136	0	No Failure	
3668	L50847	L	302.3	311.6	1665	34.3	139	0	No Failure	
3669	L50848	L	302.3	311.7	1510	38.7	141	0	No Failure	
3670	L50849	L	302.4	311.8	1465	40.2	143	0	No Failure	
3671	L50850	L	302.3	311.7	1701	27.5	145	0	No Failure	
3672	M18531	M	302.3	311.7	1486	39.6	147	0	No Failure	
3673	L50852	L	302.3	311.6	1658	32.3	150	0	No Failure	
3674	H33087	H	302.3	311.7	1449	44.5	152	0	No Failure	
3675	L50854	L	302.2	311.5	1346	52.4	157	0	No Failure	
3676	M18535	M	302.1	311.5	1866	23.1	159	0	No Failure	
3677	M18536	M	302.2	311.5	1562	38	162	0	No Failure	
3678	M18537	M	302.3	311.7	1368	53.6	165	0	No Failure	
3679	L50858	L	302.2	311.5	1567	33.1	168	0	No Failure	
3680	L50859	L	302.2	311.5	1725	34	170	0	No Failure	
3681	L50860	L	302.2	311.5	1744	31.2	172	0	No Failure	
3682	M18541	M	302.1	311.3	1453	45.1	174	0	No Failure	
3683	L50862	L	302.1	311.2	1550	34.8	177	0	No Failure	
3684	M18543	M	302	311.2	1558	39.1	179	0	No Failure	
3685	L50864	L	302	311.2	1270	65.3	182	1	Overstrain Failure	

3686	M18545	M	301.9	311.1	1380	51.6	184	0	No Failure	
3687	L50866	L	302	311.1	1406	50.5	187	0	No Failure	
3688	M18547	M	302	311.2	1625	30.7	189	0	No Failure	
3689	L50868	L	302	311.2	1420	45.8	192	0	No Failure	
3690	L50869	L	302.1	311.4	1889	22.7	194	0	No Failure	
3691	L50870	L	302.1	311.3	1477	43.6	196	0	No Failure	
3692	L50871	L	302.1	311.2	1460	46.9	198	0	No Failure	
3693	L50872	L	302.1	311.3	1758	24.4	200	0	No Failure	
3694	L50873	L	302.1	311.3	1521	31.5	202	0	No Failure	
3695	M18554	M	302.1	311.3	1511	45	204	0	No Failure	
3696	L50875	L	302.2	311.3	1530	37.3	207	1	Tool Wear Failure	
3697	L50876	L	302.1	311.2	1454	46.8	0	0	No Failure	
3698	L50877	L	302.2	311.2	1928	23.1	2	0	No Failure	
3699	H33112	H	302.2	311.3	1758	26.4	4	0	No Failure	
3700	L50879	L	302.2	311.2	1649	33.2	9	0	No Failure	
3701	L50880	L	302.1	311.2	1447	50.3	11	0	No Failure	
3702	L50881	L	302.1	311.2	1417	48	13	0	No Failure	
3703	L50882	L	302	311.2	1434	44.9	15	0	No Failure	
3704	M18563	M	302	311.2	1418	49.5	17	0	No Failure	
3705	M18564	M	302	311.2	1400	49.5	20	0	No Failure	
3706	M18565	M	302	311.3	1725	27.7	23	0	No Failure	
3707	L50886	L	302	311.3	1567	41.1	26	0	No Failure	
3708	M18567	M	302.1	311.3	1497	38.4	28	0	No Failure	
3709	L50888	L	302.1	311.4	1549	44.6	31	0	No Failure	
3710	L50889	L	302.2	311.4	1754	26.9	33	0	No Failure	
3711	L50890	L	302.2	311.5	1489	38.3	35	0	No Failure	
3712	L50891	L	302.2	311.5	1543	38.5	37	0	No Failure	
3713	L50892	L	302.3	311.5	1543	33.1	39	0	No Failure	
3714	L50893	L	302.3	311.5	1565	35.6	41	0	No Failure	
3715	M18574	M	302.3	311.4	1855	23.9	43	0	No Failure	
3716	M18575	M	302.4	311.4	1475	45.2	46	0	No Failure	
3717	L50896	L	302.3	311.4	1609	32.3	49	0	No Failure	
3718	H33131	H	302.3	311.4	1443	44.1	51	0	No Failure	
3719	L50898	L	302.4	311.4	1450	44.1	56	0	No Failure	
3720	L50899	L	302.4	311.5	1590	39.9	58	0	No Failure	
3721	M18580	M	302.4	311.4	1508	41.2	60	0	No Failure	
3722	M18581	M	302.2	311.2	1544	43.6	63	0	No Failure	
3723	L50902	L	302.2	311.2	1451	41.8	66	0	No Failure	

3724	L50903	L	302.3	311.2	1758	24.4	68	0	No Failure	
3725	M18584	M	302.3	311.2	1507	47.7	70	0	No Failure	
3726	H33139	H	302.3	311.1	1543	37.5	73	0	No Failure	
3727	M18586	M	302.3	311.2	1505	36.7	78	0	No Failure	
3728	L50907	L	302.3	311.2	1786	24.3	81	0	No Failure	
3729	L50908	L	302.3	311.3	1457	44.5	83	0	No Failure	
3730	M18589	M	302.4	311.3	1312	61.5	85	0	No Failure	
3731	M18590	M	302.3	311.2	1405	47.7	88	0	No Failure	
3732	M18591	M	302.2	311.2	1377	43	91	0	No Failure	
3733	M18592	M	302.2	311.2	1347	49.8	94	0	No Failure	
3734	L50913	L	302.2	311.1	1470	39.6	97	0	No Failure	
3735	M18594	M	302.2	311.2	1873	24	99	0	No Failure	
3736	M18595	M	302.2	311.1	1434	58.6	102	0	No Failure	
3737	H33150	H	302.2	311.1	1628	30.6	105	0	No Failure	
3738	L50917	L	302.2	311.1	1351	48.6	110	0	No Failure	
3739	M18598	M	302.3	311.2	1454	43.8	112	0	No Failure	
3740	M18599	M	302.2	311.2	1663	29.6	115	0	No Failure	
3741	L50920	L	302.3	311.2	1401	49.7	118	0	No Failure	
3742	L50921	L	302.4	311.3	1503	38.2	120	0	No Failure	
3743	L50922	L	302.4	311.4	1564	35	122	0	No Failure	
3744	L50923	L	302.5	311.4	1759	24.6	124	0	No Failure	
3745	L50924	L	302.5	311.4	1409	53.1	126	0	No Failure	
3746	L50925	L	302.6	311.4	1738	25.8	128	0	No Failure	
3747	H33160	H	302.5	311.3	1393	47.5	130	0	No Failure	
3748	L50927	L	302.5	311.1	1499	38.8	135	0	No Failure	
3749	L50928	L	302.5	311.1	1493	39	137	0	No Failure	
3750	L50929	L	302.4	311.1	1652	33.9	139	0	No Failure	
3751	L50930	L	302.3	311.1	1589	29.9	141	0	No Failure	
3752	L50931	L	302.4	311.1	1520	42.2	143	0	No Failure	
3753	H33166	H	302.3	311.1	1455	40.3	145	0	No Failure	
3754	L50933	L	302.2	311	1463	46.8	150	0	No Failure	
3755	L50934	L	302.3	311	1442	43.7	152	0	No Failure	
3756	L50935	L	302.3	311	1329	51.5	154	0	No Failure	
3757	L50936	L	302.3	311.1	1546	33.1	156	0	No Failure	
3758	M18617	M	302.2	311.1	1516	33.7	158	0	No Failure	
3759	M18618	M	302.2	311	1476	47.4	161	0	No Failure	
3760	L50939	L	302.3	311	1412	47	164	0	No Failure	
3761	L50940	L	302.3	310.9	1377	46.8	166	1	Heat Dissipation Failure	

3762	M18621	M	302.4	311	1490	37.1	168	0	No Failure	
3763	M18622	M	302.3	311	1526	37.7	171	0	No Failure	
3764	L50943	L	302.3	311	1428	47.9	174	0	No Failure	
3765	L50944	L	302.4	311	1329	54.6	176	0	No Failure	
3766	M18625	M	302.4	311.1	1443	51.8	178	0	No Failure	
3767	L50946	L	302.3	311.1	1373	53	181	0	No Failure	
3768	L50947	L	302.3	311.1	1630	35.6	183	0	No Failure	
3769	L50948	L	302.2	311	1555	34.2	185	0	No Failure	
3770	M18629	M	302.2	311	1436	47	187	0	No Failure	
3771	L50950	L	302.3	311	1609	31	190	0	No Failure	
3772	M18631	M	302.3	311	1384	49.7	192	0	No Failure	
3773	L50952	L	302.4	311.1	1448	44.8	195	0	No Failure	
3774	M18633	M	302.4	311.1	1887	22.4	197	0	No Failure	
3775	M18634	M	302.4	311.1	1480	45.7	200	0	No Failure	
3776	H33189	H	302.5	311.1	1850	23.3	203	0	No Failure	
3777	L50956	L	302.5	311.1	1538	36.8	208	0	No Failure	
3778	M18637	M	302.4	311.1	1721	30.1	210	0	No Failure	
3779	M18638	M	302.4	311.1	1366	54.4	0	0	No Failure	
3780	L50959	L	302.3	311	1657	31.1	3	0	No Failure	
3781	L50960	L	302.4	311.1	1446	42.9	5	0	No Failure	
3782	L50961	L	302.3	310.8	1465	43.8	7	0	No Failure	
3783	L50962	L	302.2	310.8	1827	23.8	9	0	No Failure	
3784	H33197	H	302.2	310.8	1397	47.6	11	0	No Failure	
3785	L50964	L	302.2	310.8	1744	29.7	16	0	No Failure	
3786	L50965	L	302.3	310.9	1545	36.7	18	0	No Failure	
3787	L50966	L	302.3	310.9	1587	36.6	20	0	No Failure	
3788	L50967	L	302.3	310.8	1377	47.3	22	1	Heat Dissipation Failure	
3789	L50968	L	302.3	310.8	1511	48.1	24	0	No Failure	
3790	L50969	L	302.3	310.8	1650	32.4	26	0	No Failure	
3791	L50970	L	302.3	310.9	1412	48.9	28	0	No Failure	
3792	L50971	L	302.3	311	1528	43.1	30	0	No Failure	
3793	L50972	L	302.3	310.9	1459	35	32	0	No Failure	
3794	L50973	L	302.3	310.9	1379	49.3	34	1	Heat Dissipation Failure	
3795	M18654	M	302.2	310.8	1356	48.3	36	0	No Failure	
3796	M18655	M	302.1	310.8	1409	41.3	39	0	No Failure	
3797	M18656	M	302.1	310.8	1504	37.5	42	0	No Failure	
3798	L50977	L	302.1	310.8	1622	36.8	45	0	No Failure	
3799	L50978	L	302.1	310.8	1786	25.7	47	0	No Failure	

3800	L50979	L	302.2	310.9	1506	34	49	0	No Failure	
3801	M18660	M	302.1	310.9	1916	23.1	51	0	No Failure	
3802	M18661	M	302.2	310.9	1771	27.6	54	0	No Failure	
3803	M18662	M	302.2	310.9	1488	44.2	57	0	No Failure	
3804	L50983	L	302.2	310.9	1531	37.5	60	0	No Failure	
3805	L50984	L	302.3	310.9	1529	33.4	62	0	No Failure	
3806	M18665	M	302.4	311	1580	36.5	64	0	No Failure	
3807	M18666	M	302.3	310.9	1360	44	67	1	Heat Dissipation Failure	
3808	M18667	M	302.3	311	1546	35.5	70	0	No Failure	
3809	M18668	M	302.3	310.9	1762	24.5	73	0	No Failure	
3810	L50989	L	302.2	310.8	1350	56.6	76	0	No Failure	
3811	M18670	M	302.2	310.8	1562	38.1	78	0	No Failure	
3812	M18671	M	302.1	310.7	1608	30.3	81	0	No Failure	
3813	L50992	L	302	310.6	1392	50	84	0	No Failure	
3814	L50993	L	302	310.6	1467	44.9	86	0	No Failure	
3815	M18674	M	302.1	310.6	1326	59.1	88	1	Heat Dissipation Failure	
3816	L50995	L	302.2	310.7	1769	24.9	91	0	No Failure	
3817	L50996	L	302.1	310.6	1459	47.6	93	0	No Failure	
3818	M18677	M	302.1	310.6	1421	52	95	0	No Failure	
3819	L50998	L	302.1	310.7	1491	42.8	98	0	No Failure	
3820	L50999	L	302.2	310.7	1567	36.4	100	0	No Failure	
3821	L51000	L	302.3	310.8	1421	41.4	102	0	No Failure	
3822	L51001	L	302.3	310.9	1596	33.5	104	0	No Failure	
3823	M18682	M	302.4	311	1464	44.2	106	0	No Failure	
3824	M18683	M	302.3	310.9	1581	36.1	109	0	No Failure	
3825	L51004	L	302.3	310.9	1620	30.3	112	0	No Failure	
3826	H33239	H	302.2	310.7	1413	48.9	114	0	No Failure	
3827	H33240	H	302.3	310.8	1438	43.8	119	0	No Failure	
3828	M18687	M	302.4	310.9	1469	41.6	124	0	No Failure	
3829	M18688	M	302.3	310.8	1762	27.8	127	0	No Failure	
3830	H33243	H	302.3	310.9	1366	48.4	130	1	Heat Dissipation Failure	
3831	L51010	L	302.3	310.9	1891	22.7	135	0	No Failure	
3832	M18691	M	302.3	310.9	1742	29.7	137	0	No Failure	
3833	M18692	M	302.2	310.9	1465	43.5	140	0	No Failure	
3834	M18693	M	302.3	311	1541	36.6	143	0	No Failure	
3835	M18694	M	302.3	311.1	1295	57.1	146	0	No Failure	
3836	M18695	M	302.3	311.1	1435	43.1	149	0	No Failure	
3837	L51016	L	302.4	311.2	1466	43.9	152	0	No Failure	

3838	L51017	L	302.4	311.2	1450	47.9	154	0	No Failure	
3839	L51018	L	302.4	311.1	1880	24.5	156	0	No Failure	
3840	M18699	M	302.3	311	1578	33.5	158	0	No Failure	
3841	L51020	L	302.4	311	1610	33.1	161	0	No Failure	
3842	L51021	L	302.4	311.1	1565	42.8	163	0	No Failure	
3843	L51022	L	302.5	311.2	1545	40.1	165	0	No Failure	
3844	L51023	L	302.5	311.2	1227	60.1	167	0	No Failure	
3845	L51024	L	302.4	311.1	1484	45.9	169	0	No Failure	
3846	L51025	L	302.3	311	1591	32.7	171	0	No Failure	
3847	L51026	L	302.3	310.9	1403	47.2	173	0	No Failure	
3848	M18707	M	302.3	311	1450	45.7	175	0	No Failure	
3849	L51028	L	302.3	310.9	1720	28.1	178	0	No Failure	
3850	L51029	L	302.3	311	1561	37.2	180	0	No Failure	
3851	M18710	M	302.3	311	1421	41.3	182	0	No Failure	
3852	H33265	H	302.2	310.9	1415	48.4	185	0	No Failure	
3853	L51032	L	302.3	310.9	2034	19.7	190	0	No Failure	
3854	L51033	L	302.4	311	1486	40.4	192	0	No Failure	
3855	L51034	L	302.4	311	1338	67.6	194	1	Power Failure	
3856	H33269	H	302.4	311.1	1578	32.3	196	0	No Failure	
3857	M18716	M	302.4	311.2	1330	58.6	201	0	No Failure	
3858	H33271	H	302.4	311.2	1506	40.8	204	0	No Failure	
3859	L51038	L	302.5	311.4	1559	37.6	209	0	No Failure	
3860	L51039	L	302.6	311.5	1599	37	211	0	No Failure	
3861	L51040	L	302.6	311.5	1427	38.9	213	0	No Failure	
3862	M18721	M	302.5	311.5	1481	41.1	215	0	No Failure	
3863	H33276	H	302.5	311.5	1496	43.8	218	0	No Failure	
3864	L51043	L	302.5	311.4	1674	27	223	0	No Failure	
3865	M18724	M	302.5	311.4	1629	31.7	225	0	No Failure	
3866	H33279	H	302.6	311.5	1629	34.4	228	1	Tool Wear Failure	
3867	L51046	L	302.6	311.6	1311	53.2	0	0	No Failure	
3868	M18727	M	302.7	311.6	2709	9.7	2	1	Power Failure	
3869	M18728	M	302.7	311.7	1759	29.9	5	0	No Failure	
3870	L51049	L	302.7	311.7	1480	45.2	8	0	No Failure	
3871	L51050	L	302.7	311.8	1461	46.1	10	0	No Failure	
3872	M18731	M	302.7	311.8	1728	30	12	0	No Failure	
3873	L51052	L	302.7	311.9	1389	46.5	15	0	No Failure	
3874	L51053	L	302.6	311.8	1638	35.1	17	0	No Failure	
3875	L51054	L	302.6	311.7	1254	54.1	19	0	No Failure	

3876	L51055	L	302.6	311.8	1427	50.1	21	0	No Failure	
3877	L51056	L	302.6	311.8	1627	31.8	23	0	No Failure	
3878	H33291	H	302.6	311.7	1471	48.3	25	0	No Failure	
3879	L51058	L	302.6	311.7	1773	27.1	30	0	No Failure	
3880	M18739	M	302.6	311.7	1430	51.7	32	0	No Failure	
3881	L51060	L	302.5	311.6	1595	29.5	35	0	No Failure	
3882	L51061	L	302.5	311.5	1521	44.1	37	0	No Failure	
3883	L51062	L	302.5	311.6	1419	43.7	39	0	No Failure	
3884	M18743	M	302.4	311.4	1534	40.1	41	0	No Failure	
3885	H33298	H	302.5	311.5	1626	36	44	0	No Failure	
3886	L51065	L	302.5	311.5	1677	29.2	49	0	No Failure	
3887	L51066	L	302.4	311.3	1392	50.5	51	0	No Failure	
3888	L51067	L	302.4	311.2	1448	50.5	53	0	No Failure	
3889	L51068	L	302.3	311.2	1903	22.9	55	0	No Failure	
3890	L51069	L	302.4	311.2	1404	52	57	0	No Failure	
3891	L51070	L	302.3	311.2	1386	53.5	59	0	No Failure	
3892	L51071	L	302.2	311.1	1418	47	61	0	No Failure	
3893	M18752	M	302.3	311.1	1338	53.3	63	0	No Failure	
3894	L51073	L	302.3	311.2	1549	40.6	66	0	No Failure	
3895	M18754	M	302.3	311.2	1432	42.7	68	0	No Failure	
3896	M18755	M	302.3	311.2	1546	40	71	0	No Failure	
3897	M18756	M	302.2	311.2	1627	33.2	74	0	No Failure	
3898	M18757	M	302.2	311.1	1640	32.8	77	0	No Failure	
3899	M18758	M	302.1	311.1	1423	36.8	80	0	No Failure	
3900	M18759	M	302.1	311	1711	28.7	83	0	No Failure	
3901	M18760	M	302.1	311.1	1450	51.6	86	0	No Failure	
3902	H33315	H	302.2	311.1	1553	34.1	89	0	No Failure	
3903	L51082	L	302.2	311.1	1630	34.6	94	0	No Failure	
3904	H33317	H	302.2	311.1	1476	39.6	96	0	No Failure	
3905	H33318	H	302.2	311.1	1426	50.6	101	0	No Failure	
3906	M18765	M	302.2	311.2	1561	34.9	106	0	No Failure	
3907	L51086	L	302.3	311.2	1297	62.5	109	0	No Failure	
3908	M18767	M	302.3	311.2	1842	23.9	111	0	No Failure	
3909	L51088	L	302.3	311.2	1633	36.4	114	0	No Failure	
3910	H33323	H	302.3	311.3	1744	30.3	116	0	No Failure	
3911	L51090	L	302.4	311.4	1831	26.9	121	0	No Failure	
3912	M18771	M	302.3	311.3	1339	50.8	123	0	No Failure	
3913	L51092	L	302.4	311.4	1475	40.4	126	0	No Failure	

3914	M18773	M	302.4	311.4	1675	29.6	128	0	No Failure	
3915	L51094	L	302.5	311.5	1493	35.1	131	0	No Failure	
3916	L51095	L	302.5	311.5	1700	29.5	133	0	No Failure	
3917	L51096	L	302.6	311.6	1453	37	135	0	No Failure	
3918	L51097	L	302.6	311.7	1542	34.1	137	0	No Failure	
3919	M18778	M	302.5	311.5	1358	52.7	139	0	No Failure	
3920	H33333	H	302.5	311.5	1655	32.3	142	0	No Failure	
3921	L51100	L	302.6	311.5	1885	27.5	147	0	No Failure	
3922	L51101	L	302.7	311.5	1494	41.4	149	0	No Failure	
3923	M18782	M	302.6	311.4	1757	29.5	151	0	No Failure	
3924	M18783	M	302.6	311.4	1718	31.2	154	0	No Failure	
3925	M18784	M	302.5	311.4	1636	35	157	0	No Failure	
3926	L51105	L	302.6	311.6	1638	29.6	160	0	No Failure	
3927	L51106	L	302.6	311.5	1609	36	162	0	No Failure	
3928	H33341	H	302.7	311.5	1556	35	164	0	No Failure	
3929	L51108	L	302.6	311.5	1442	59.8	169	1	Power Failure	
3930	M18789	M	302.7	311.6	1501	38.8	171	0	No Failure	
3931	M18790	M	302.6	311.6	2041	19.2	174	0	No Failure	
3932	M18791	M	302.7	311.7	1784	25.1	177	0	No Failure	
3933	L51112	L	302.6	311.6	1953	22.4	180	0	No Failure	
3934	L51113	L	302.6	311.6	1576	34.7	182	0	No Failure	
3935	M18794	M	302.6	311.6	1518	39	184	0	No Failure	
3936	M18795	M	302.6	311.6	1227	68.2	187	1	Overstrain Failure	
3937	L51116	L	302.5	311.5	1985	18.8	190	0	No Failure	
3938	L51117	L	302.5	311.5	1802	26.4	192	0	No Failure	
3939	L51118	L	302.5	311.5	1603	32.4	194	0	No Failure	
3940	L51119	L	302.5	311.6	1400	54	196	0	No Failure	
3941	L51120	L	302.3	311.5	1395	54.2	198	0	No Failure	
3942	L51121	L	302.2	311.4	1987	19.9	200	0	No Failure	
3943	M18802	M	302.2	311.4	1398	47.2	202	0	No Failure	
3944	L51123	L	302.3	311.4	1333	66.7	205	1	Power Failure	
3945	L51124	L	302.2	311.2	1381	49.4	207	0	No Failure	
3946	L51125	L	302.2	311.3	1570	36.1	0	0	No Failure	
3947	M18806	M	302.2	311.3	1658	31	2	0	No Failure	
3948	H33361	H	302.2	311.3	1749	29.2	5	0	No Failure	
3949	M18808	M	302.2	311.3	1510	37.1	10	0	No Failure	
3950	L51129	L	302.3	311.5	1384	50.8	13	0	No Failure	
3951	L51130	L	302.3	311.4	1570	37.2	15	0	No Failure	

3952	M18811	M	302.3	311.4	1571	32.7	17	0	No Failure	
3953	L51132	L	302.3	311.4	1476	37.3	20	0	No Failure	
3954	M18813	M	302.3	311.4	1484	39.5	22	0	No Failure	
3955	M18814	M	302.3	311.4	1909	23.2	25	0	No Failure	
3956	L51135	L	302.3	311.5	1448	49.6	28	0	No Failure	
3957	M18816	M	302.3	311.4	1500	40.2	30	0	No Failure	
3958	L51137	L	302.2	311.4	1510	44.9	33	0	No Failure	
3959	L51138	L	302.2	311.3	1378	55.5	35	0	No Failure	
3960	M18819	M	302.2	311.4	1538	37.4	37	0	No Failure	
3961	L51140	L	302.2	311.4	1390	48.1	40	0	No Failure	
3962	M18821	M	302.2	311.4	1642	32.1	42	0	No Failure	
3963	L51142	L	302.4	311.5	1785	24.8	45	0	No Failure	
3964	H33377	H	302.3	311.5	1526	38.2	47	0	No Failure	
3965	M18824	M	302.3	311.6	1668	33.2	52	0	No Failure	
3966	L51145	L	302.3	311.5	1507	37.5	55	0	No Failure	
3967	L51146	L	302.3	311.5	1530	37.8	57	0	No Failure	
3968	M18827	M	302.3	311.4	1479	45.6	59	0	No Failure	
3969	M18828	M	302.3	311.4	1418	41.3	62	0	No Failure	
3970	L51149	L	302.3	311.4	1504	38.7	65	0	No Failure	
3971	M18830	M	302.3	311.4	1345	47.6	67	0	No Failure	
3972	H33385	H	302.2	311.4	1625	35.4	70	0	No Failure	
3973	L51152	L	302.3	311.4	1511	34.7	75	0	No Failure	
3974	L51153	L	302.3	311.4	1535	41.8	77	0	No Failure	
3975	L51154	L	302.4	311.5	1505	37.9	79	0	No Failure	
3976	H33389	H	302.4	311.5	1540	43.7	81	0	No Failure	
3977	H33390	H	302.3	311.4	1372	46	86	0	No Failure	
3978	M18837	M	302.2	311.3	1510	36.6	91	0	No Failure	
3979	L51158	L	302.2	311.3	1382	46.4	94	0	No Failure	
3980	L51159	L	302.3	311.3	1439	41.8	96	0	No Failure	
3981	M18840	M	302.2	311.3	1375	47	98	0	No Failure	
3982	M18841	M	302.2	311.3	1931	21.9	101	0	No Failure	
3983	L51162	L	302.2	311.3	1475	48.6	104	0	No Failure	
3984	L51163	L	302.2	311.3	1389	46.9	106	0	No Failure	
3985	L51164	L	302.3	311.3	1652	32.8	108	0	No Failure	
3986	L51165	L	302.3	311.2	1386	50.3	110	0	No Failure	
3987	M18846	M	302.2	311.3	1577	29.8	112	0	No Failure	
3988	M18847	M	302.3	311.3	1444	43.1	115	0	No Failure	
3989	L51168	L	302.2	311.3	1554	40.2	118	0	No Failure	

3990	L51169	L	302.2	311.3	1602	32.8	120	0	No Failure	
3991	H33404	H	302.2	311.2	1692	28.2	122	0	No Failure	
3992	L51171	L	302.3	311.3	1682	34.4	127	0	No Failure	
3993	L51172	L	302.3	311.3	1614	34.1	129	0	No Failure	
3994	L51173	L	302.3	311.3	1324	47.8	131	0	No Failure	
3995	L51174	L	302.3	311.4	1434	40.3	133	0	No Failure	
3996	L51175	L	302.3	311.3	1621	31.6	135	0	No Failure	
3997	M18856	M	302.3	311.3	1625	33.1	137	0	No Failure	
3998	L51177	L	302.2	311.1	1394	53.7	140	0	No Failure	
3999	L51178	L	302.1	311	1586	35.1	142	0	No Failure	
4000	L51179	L	302	311	1420	45.9	144	0	No Failure	
4001	L51180	L	302.1	311.2	1422	50.3	146	0	No Failure	
4002	H33415	H	302.1	311.2	1598	37.9	148	0	No Failure	
4003	L51182	L	302.1	311.2	1454	59.2	153	1	Power Failure	
4004	L51183	L	302.1	311.2	1519	39.3	155	0	No Failure	
4005	L51184	L	302	311.1	1373	55.7	157	0	No Failure	
4006	M18865	M	302	311.1	1406	48.8	159	0	No Failure	
4007	L51186	L	302.1	311.2	1492	45	162	0	No Failure	
4008	L51187	L	302.1	311.2	1369	50.8	164	0	No Failure	
4009	M18868	M	302.2	311.2	1471	41.9	166	0	No Failure	
4010	L51189	L	302.2	311.2	1630	36	169	0	No Failure	
4011	M18870	M	302.1	311.1	1605	37.6	171	0	No Failure	
4012	L51191	L	302.2	311.1	1447	52.1	174	0	No Failure	
4013	M18872	M	302.2	311.2	1360	52.8	176	0	No Failure	
4014	M18873	M	302.2	311.1	1728	34	179	0	No Failure	
4015	L51194	L	302.1	311	1740	30.8	182	0	No Failure	
4016	L51195	L	302.1	310.9	1477	41.4	184	0	No Failure	
4017	L51196	L	302.1	310.9	1658	30.3	186	0	No Failure	
4018	L51197	L	302	310.8	1902	23.4	188	0	No Failure	
4019	M18878	M	302	310.8	1783	23.1	190	0	No Failure	
4020	M18879	M	302	310.9	1558	45.3	193	0	No Failure	
4021	L51200	L	302.1	311	1351	49.5	196	0	No Failure	
4022	H33435	H	302.1	310.9	1452	42.5	198	0	No Failure	
4023	L51202	L	302.1	310.9	1666	30.7	203	0	No Failure	
4024	L51203	L	302.1	311	1364	50	205	0	No Failure	
4025	M18884	M	302.1	311	1351	60.3	207	1	Overstrain Failure	
4026	H33439	H	302.1	311	1729	26.1	210	0	No Failure	
4027	M18886	M	302.1	311	1574	34.1	215	0	No Failure	

4028	L51207	L	302	311	1566	37.8	218	0	No Failure	
4029	L51208	L	302	310.9	1455	43.2	220	0	No Failure	
4030	H33443	H	302	310.9	1679	29	222	0	No Failure	
4031	L51210	L	302	310.8	2143	17.3	227	0	No Failure	
4032	L51211	L	302	310.8	1447	42.7	229	0	No Failure	
4033	L51212	L	302	310.8	1383	50.3	231	1	Overstrain Failure	
4034	L51213	L	302.1	310.8	1772	27.1	233	0	No Failure	
4035	L51214	L	302	310.8	1615	29	235	1	Tool Wear Failure	
4036	L51215	L	302	310.8	1454	36.6	0	0	No Failure	
4037	L51216	L	302	310.8	1445	49.1	2	0	No Failure	
4038	M18897	M	302	310.8	1609	35.2	4	0	No Failure	
4039	L51218	L	302	310.9	1546	34.4	7	0	No Failure	
4040	L51219	L	301.9	310.8	1567	39.3	9	0	No Failure	
4041	L51220	L	302	310.8	1767	27.4	11	0	No Failure	
4042	L51221	L	302	310.9	1539	34.2	13	0	No Failure	
4043	L51222	L	302	310.9	1564	39	15	0	No Failure	
4044	M18903	M	302	310.8	1445	46.3	17	0	No Failure	
4045	M18904	M	301.9	310.9	1419	47.7	20	1	No Failure	
4046	M18905	M	301.8	310.9	1881	20.9	23	0	No Failure	
4047	M18906	M	301.9	310.9	1421	46.2	26	0	No Failure	
4048	L51227	L	301.9	311	1455	46	29	0	No Failure	
4049	L51228	L	301.9	311	2691	12.1	31	1	Power Failure	
4050	L51229	L	301.8	310.8	1505	41.2	33	0	No Failure	
4051	L51230	L	301.8	310.8	1456	46.6	35	0	No Failure	
4052	L51231	L	301.8	310.8	1383	46.4	37	0	No Failure	
4053	M18912	M	301.9	310.8	1563	39.2	39	0	No Failure	
4054	M18913	M	301.9	310.9	2305	16.1	42	0	No Failure	
4055	M18914	M	301.9	310.9	1456	43.6	45	0	No Failure	
4056	L51235	L	302	311	1865	22.7	48	0	No Failure	
4057	L51236	L	301.9	310.9	1597	36.9	50	0	No Failure	
4058	L51237	L	302	310.9	1495	38.6	52	0	No Failure	
4059	M18918	M	302	310.9	1456	47.2	54	0	No Failure	
4060	L51239	L	301.9	310.8	1465	44.3	57	0	No Failure	
4061	M18920	M	302	310.9	1352	55.5	59	0	No Failure	
4062	L51241	L	301.9	310.8	1906	21.7	62	0	No Failure	
4063	L51242	L	302	310.9	1446	44	64	0	No Failure	
4064	L51243	L	302	310.8	1948	19.7	66	0	No Failure	
4065	L51244	L	301.9	310.7	1480	47.1	68	0	No Failure	

4066	M18925	M	301.9	310.7	1511	37.6	70	0	No Failure	
4067	M18926	M	301.9	310.7	1472	47	73	0	No Failure	
4068	L51247	L	301.9	310.7	1429	51	76	0	No Failure	
4069	L51248	L	301.9	310.7	1405	48.8	78	0	No Failure	
4070	M18929	M	301.9	310.7	1405	47.9	80	0	No Failure	
4071	L51250	L	302	310.7	1348	58.1	83	0	No Failure	
4072	L51251	L	301.9	310.6	1331	68.6	85	1	Power Failure	
4073	L51252	L	301.9	310.6	1610	33.4	87	0	No Failure	
4074	M18933	M	301.9	310.6	1412	46.5	89	0	No Failure	
4075	L51254	L	302	310.7	1453	42.7	92	0	No Failure	
4076	L51255	L	302	310.6	1583	38.9	94	0	No Failure	
4077	M18936	M	302	310.6	1539	37.4	96	0	No Failure	
4078	L51257	L	302	310.5	1635	39.8	99	0	No Failure	
4079	H33492	H	302.1	310.7	1294	62.4	101	1	Heat Dissipation Failure	
4080	L51259	L	302	310.5	1978	22	106	0	No Failure	
4081	L51260	L	302	310.4	1357	58	108	1	Heat Dissipation Failure	
4082	L51261	L	302	310.4	1336	58.2	110	1	Heat Dissipation Failure	
4083	L51262	L	302	310.4	1568	39.2	112	0	No Failure	
4084	M18943	M	302	310.4	1567	36.4	114	0	No Failure	
4085	L51264	L	302	310.4	1611	35.6	117	0	No Failure	
4086	H33499	H	302	310.5	1841	23.6	119	0	No Failure	
4087	L51266	L	302	310.5	1567	36.1	124	0	No Failure	
4088	L51267	L	301.9	310.4	1376	54.9	126	1	Heat Dissipation Failure	
4089	L51268	L	301.9	310.5	1477	42.4	128	0	No Failure	
4090	M18949	M	301.9	310.5	1590	40.3	130	0	No Failure	
4091	L51270	L	302	310.5	2197	15.8	133	0	No Failure	
4092	M18951	M	302	310.4	1595	32.9	135	0	No Failure	
4093	H33506	H	302	310.5	1812	24.4	138	0	No Failure	
4094	M18953	M	302	310.5	1573	32.1	143	0	No Failure	
4095	L51274	L	302	310.5	1651	30.9	146	0	No Failure	
4096	H33509	H	302	310.5	1459	43.2	148	0	No Failure	
4097	L51276	L	301.9	310.4	1370	51.7	153	1	Heat Dissipation Failure	
4098	L51277	L	301.9	310.4	1518	34.1	155	0	No Failure	
4099	L51278	L	302	310.3	1648	29.6	157	0	No Failure	
4100	L51279	L	302	310.4	1464	47.2	159	0	No Failure	
4101	L51280	L	302	310.4	1895	23.2	161	0	No Failure	
4102	L51281	L	301.9	310.4	1884	23.4	163	0	No Failure	
4103	L51282	L	302	310.4	1450	46.6	165	0	No Failure	

4104	L51283	L	302	310.4	1448	43.4	167	0	No Failure	
4105	L51284	L	302.1	310.5	1389	49.6	169	0	No Failure	
4106	L51285	L	302	310.6	1583	35.2	171	0	No Failure	
4107	L51286	L	301.9	310.5	1425	51.1	173	0	No Failure	
4108	L51287	L	302	310.5	1809	27.1	175	0	No Failure	
4109	L51288	L	301.9	310.5	1892	21.8	177	0	No Failure	
4110	M18969	M	301.9	310.6	1475	47.8	179	0	No Failure	
4111	L51290	L	302	310.6	1361	46.7	182	0	No Failure	
4112	M18971	M	302	310.6	1563	41	184	0	No Failure	
4113	H33526	H	301.9	310.5	1472	39.7	187	0	No Failure	
4114	L51293	L	302	310.6	1325	55.3	192	0	No Failure	
4115	L51294	L	302	310.6	1358	53.1	194	0	No Failure	
4116	H33529	H	302	310.6	1346	54.7	196	0	No Failure	
4117	M18976	M	302	310.5	1381	58.4	201	0	No Failure	
4118	L51297	L	301.9	310.5	1340	55.7	204	1	Overstrain Failure	
4119	L51298	L	302	310.6	1366	47.7	206	0	No Failure	
4120	L51299	L	302.1	310.7	1325	45.1	208	1	Heat Dissipation Failure	
4121	M18980	M	302.1	310.7	1376	46.3	210	1	Heat Dissipation Failure	
4122	M18981	M	302.1	310.7	1364	47.8	213	1	Heat Dissipation Failure	
4123	L51302	L	302.2	310.6	1462	43.6	0	0	No Failure	
4124	M18983	M	302.1	310.6	1517	38.9	2	0	No Failure	
4125	L51304	L	302.1	310.6	1385	53.6	5	0	No Failure	
4126	L51305	L	302.1	310.6	1439	40	7	0	No Failure	
4127	M18986	M	302	310.6	1623	34.3	9	0	No Failure	
4128	H33541	H	302	310.6	1438	43.2	12	0	No Failure	
4129	L51308	L	301.9	310.4	1708	24.8	17	0	No Failure	
4130	M18989	M	301.8	310.3	1666	32.7	19	0	No Failure	
4131	L51310	L	301.9	310.4	1286	62.8	22	1	Heat Dissipation Failure	
4132	L51311	L	301.9	310.3	1485	46.3	24	0	No Failure	
4133	M18992	M	301.8	310.3	1409	52.5	26	0	No Failure	
4134	L51313	L	301.8	310.3	1765	27.3	29	0	No Failure	
4135	L51314	L	301.8	310.3	1688	28.8	31	0	No Failure	
4136	M18995	M	301.7	310.3	1787	26.7	33	0	No Failure	
4137	L51316	L	301.7	310.1	1487	48	36	0	No Failure	
4138	L51317	L	301.7	310.1	1384	50.5	38	0	No Failure	
4139	L51318	L	301.7	310.2	1311	57.4	40	1	Heat Dissipation Failure	
4140	H33553	H	301.7	310.2	1620	30.8	42	0	No Failure	
4141	L51320	L	301.7	310.2	1331	61.2	47	1	Heat Dissipation Failure	

4142	H33555	H	301.7	310.1	1462	38.3	49	0	No Failure	
4143	L51322	L	301.7	310.1	1424	50.2	54	0	No Failure	
4144	L51323	L	301.7	310.1	1500	39.6	56	0	No Failure	
4145	L51324	L	301.8	310.1	1738	28	58	0	No Failure	
4146	M19005	M	301.8	310.3	1465	46.5	60	0	No Failure	
4147	L51326	L	301.8	310.3	1482	41.4	63	0	No Failure	
4148	L51327	L	301.9	310.3	1398	44	65	0	No Failure	
4149	L51328	L	301.9	310.3	1972	21.3	67	0	No Failure	
4150	L51329	L	301.9	310.4	1603	37.6	69	0	No Failure	
4151	L51330	L	301.9	310.4	1610	34.8	71	0	No Failure	
4152	M19011	M	301.9	310.4	1373	48	73	1	Heat Dissipation Failure	
4153	M19012	M	302	310.5	1425	44.7	76	0	No Failure	
4154	M19013	M	302	310.4	1212	55.6	79	1	Heat Dissipation Failure	
4155	M19014	M	302	310.4	1828	26.3	82	0	No Failure	
4156	L51335	L	302	310.5	1370	44.4	85	1	Heat Dissipation Failure	
4157	M19016	M	302	310.5	1823	25.1	87	0	No Failure	
4158	L51337	L	302	310.5	1263	60.6	90	1	Heat Dissipation Failure	
4159	L51338	L	301.9	310.4	1889	21.5	92	0	No Failure	
4160	M19019	M	302	310.5	1639	32.9	94	0	No Failure	
4161	M19020	M	302	310.4	1608	33.1	97	0	No Failure	
4162	H33575	H	301.9	310.3	1653	32.4	100	0	No Failure	
4163	L51342	L	302	310.4	1591	29.8	105	0	No Failure	
4164	L51343	L	302.1	310.5	1696	30.9	107	0	No Failure	
4165	L51344	L	302.2	310.6	1346	47.5	109	1	Heat Dissipation Failure	
4166	M19025	M	302.2	310.5	1507	40.4	111	0	No Failure	
4167	H33580	H	302.3	310.6	1525	48.7	114	0	No Failure	
4168	M19027	M	302.3	310.7	1559	33.9	119	0	No Failure	
4169	L51348	L	302.2	310.6	1632	30.5	122	0	No Failure	
4170	L51349	L	302.1	310.5	1559	36	124	0	No Failure	
4171	M19030	M	302.2	310.6	1355	51.5	126	1	Heat Dissipation Failure	
4172	M19031	M	302.2	310.5	1832	23.7	129	0	No Failure	
4173	L51352	L	302.2	310.6	1386	50	132	0	No Failure	
4174	M19033	M	302.2	310.6	1346	49.2	134	1	Heat Dissipation Failure	
4175	L51354	L	302.3	310.7	1499	37.8	137	0	No Failure	
4176	L51355	L	302.3	310.7	1612	33.4	139	0	No Failure	
4177	M19036	M	302.3	310.7	1544	39.7	141	0	No Failure	
4178	L51357	L	302.5	310.9	1477	39.2	144	0	No Failure	
4179	L51358	L	302.5	310.9	1624	34.4	146	0	No Failure	

4180	L51359	L	302.4	310.9	1349	46.1	148	1	Heat Dissipation Failure
4181	L51360	L	302.4	310.8	1686	28.8	150	0	No Failure
4182	M19041	M	302.4	310.7	1521	40.4	152	0	No Failure
4183	L51362	L	302.4	310.7	1362	54.8	155	1	Heat Dissipation Failure
4184	L51363	L	302.3	310.7	1402	50.9	157	0	No Failure
4185	L51364	L	302.2	310.6	1334	53.2	159	1	Heat Dissipation Failure
4186	L51365	L	302.2	310.6	1348	48.4	161	1	Heat Dissipation Failure
4187	M19046	M	302.2	310.6	1570	34.6	163	0	No Failure
4188	M19047	M	302.2	310.7	1601	33	166	0	No Failure
4189	M19048	M	302.3	310.8	1611	31.8	169	0	No Failure
4190	L51369	L	302.4	310.9	1560	31.8	172	0	No Failure
4191	H33604	H	302.4	310.9	1444	40.7	174	0	No Failure
4192	L51371	L	302.4	311	1317	59.4	179	0	No Failure
4193	M19052	M	302.5	311	1463	43.1	181	0	No Failure
4194	L51373	L	302.4	311.1	1634	34.2	184	0	No Failure
4195	L51374	L	302.4	311	1423	46.2	186	0	No Failure
4196	L51375	L	302.5	311	1548	38.4	188	0	No Failure
4197	M19056	M	302.5	311	1563	35.6	190	0	No Failure
4198	L51377	L	302.4	311	1573	36.5	193	0	No Failure
4199	M19058	M	302.4	311.1	1432	44.5	195	0	No Failure
4200	M19059	M	302.5	311.1	1638	32	198	0	No Failure
4201	L51380	L	302.5	311.1	1571	34.2	201	0	No Failure
4202	L51381	L	302.4	311	2211	15.4	203	0	No Failure
4203	L51382	L	302.4	311	1555	40.6	205	0	No Failure
4204	M19063	M	302.3	310.9	1558	31.9	207	0	No Failure
4205	M19064	M	302.3	310.9	1523	43.2	210	0	No Failure
4206	L51385	L	302.3	310.8	1723	26.3	213	0	No Failure
4207	M19066	M	302.3	310.8	1721	28.4	215	0	No Failure
4208	M19067	M	302.3	310.9	1710	30.4	218	1	Tool Wear Failure
4209	M19068	M	302.3	310.9	1627	32.3	0	0	No Failure
4210	M19069	M	302.2	310.8	1422	47	3	0	No Failure
4211	L51390	L	302.1	310.8	1565	35.3	6	0	No Failure
4212	L51391	L	302.1	310.7	1314	52.8	8	1	Heat Dissipation Failure
4213	M19072	M	302	310.6	1392	60.5	10	0	No Failure
4214	L51393	L	302.1	310.7	1465	40.7	13	0	No Failure
4215	L51394	L	301.9	310.6	1573	36.6	15	0	No Failure
4216	M19075	M	302	310.7	2157	17.8	17	0	No Failure
4217	L51396	L	301.9	310.7	1370	50.3	20	0	No Failure

4218	L51397	L	301.9	310.6	1462	38.8	22	0	No Failure	
4219	M19078	M	302	310.6	1479	40.5	24	0	No Failure	
4220	L51399	L	301.9	310.7	1717	26.8	27	0	No Failure	
4221	M19080	M	301.9	310.6	1260	65.9	29	0	No Failure	
4222	L51401	L	301.9	310.6	1467	39.3	32	0	No Failure	
4223	M19082	M	302	310.6	1535	38.6	34	0	No Failure	
4224	L51403	L	302	310.7	1657	31.9	37	0	No Failure	
4225	L51404	L	302	310.7	1698	28.1	39	0	No Failure	
4226	L51405	L	302.1	310.7	1359	49.3	41	1	Heat Dissipation Failure	
4227	L51406	L	302.1	310.8	1596	37.1	43	0	No Failure	
4228	L51407	L	302.2	310.8	1383	46.9	45	0	No Failure	
4229	L51408	L	302.2	310.8	2203	16.6	47	0	No Failure	
4230	M19089	M	302.2	310.8	1408	46.8	49	0	No Failure	
4231	L51410	L	302.2	310.8	1673	32.9	52	0	No Failure	
4232	L51411	L	302.2	310.8	1340	47.8	54	0	No Failure	
4233	L51412	L	302.2	310.9	1452	42.3	56	0	No Failure	
4234	M19093	M	302.2	310.9	1302	53.4	58	0	No Failure	
4235	H33648	H	302.2	310.9	1522	35.9	61	0	No Failure	
4236	L51415	L	302.2	310.8	1438	41.4	66	0	No Failure	
4237	L51416	L	302.2	310.9	1604	40.5	68	0	No Failure	
4238	L51417	L	302.2	311	1832	23.2	70	0	No Failure	
4239	M19098	M	302.3	311	1521	34.8	72	0	No Failure	
4240	L51419	L	302.3	311	1446	37.6	75	0	No Failure	
4241	L51420	L	302.4	311.1	1905	20.9	77	0	No Failure	
4242	L51421	L	302.4	311	1475	47.9	79	0	No Failure	
4243	L51422	L	302.4	311	1462	48.5	81	0	No Failure	
4244	M19103	M	302.4	310.9	1435	42.3	83	0	No Failure	
4245	L51424	L	302.4	310.9	1469	39.6	86	0	No Failure	
4246	M19105	M	302.6	311.1	1520	43	88	0	No Failure	
4247	L51426	L	302.6	311	1537	35.5	91	0	No Failure	
4248	L51427	L	302.6	311	1369	60	93	1	Heat Dissipation Failure	
4249	L51428	L	302.6	311	1506	37.2	95	0	No Failure	
4250	L51429	L	302.5	310.9	1330	56.9	97	1	Heat Dissipation Failure	
4251	L51430	L	302.6	311	1660	38	99	0	No Failure	
4252	H33665	H	302.5	310.9	1356	55.5	101	1	Heat Dissipation Failure	
4253	H33666	H	302.6	311	1438	51	106	0	No Failure	
4254	M19113	M	302.6	311	1329	48.6	111	1	Heat Dissipation Failure	
4255	L51434	L	302.6	311	1284	68	114	1	Power Failure	

4256	M19115	M	302.5	311	1387	52.1	116	0	No Failure	
4257	M19116	M	302.6	311	1591	33.9	119	0	No Failure	
4258	M19117	M	302.6	311	1589	39	122	0	No Failure	
4259	M19118	M	302.7	311.1	1297	60.7	125	1	Heat Dissipation Failure	
4260	L51439	L	302.7	311.2	1545	35.1	128	0	No Failure	
4261	H33674	H	302.7	311.1	1418	43.4	130	0	No Failure	
4262	L51441	L	302.7	311.1	1730	28.1	135	0	No Failure	
4263	L51442	L	302.6	311	2001	20.7	137	0	No Failure	
4264	L51443	L	302.6	311	1620	36.2	139	0	No Failure	
4265	M19124	M	302.6	311	1542	39.7	141	0	No Failure	
4266	L51445	L	302.6	311	1424	38	144	0	No Failure	
4267	L51446	L	302.7	311.1	1440	39.5	146	0	No Failure	
4268	L51447	L	302.6	311	1520	42.8	148	0	No Failure	
4269	L51448	L	302.7	311	1694	29.8	150	0	No Failure	
4270	L51449	L	302.6	311	1610	39.2	152	0	No Failure	
4271	L51450	L	302.6	310.9	1331	52	154	1	Heat Dissipation Failure	
4272	L51451	L	302.6	310.8	1470	41.2	156	0	No Failure	
4273	L51452	L	302.5	310.8	1577	36.9	158	0	No Failure	
4274	L51453	L	302.6	310.8	1486	36.4	160	0	No Failure	
4275	L51454	L	302.4	310.6	1445	40.3	162	0	No Failure	
4276	M19135	M	302.4	310.5	1500	36.7	164	0	No Failure	
4277	M19136	M	302.2	310.4	1456	47.5	167	0	No Failure	
4278	L51457	L	302.2	310.4	1743	28.1	170	0	No Failure	
4279	L51458	L	302	310.1	1409	50.4	172	0	No Failure	
4280	L51459	L	302	310.1	1361	45.4	174	1	Heat Dissipation Failure	
4281	L51460	L	302.1	310.1	1753	28.9	176	0	No Failure	
4282	L51461	L	302	310	1832	22.9	178	0	No Failure	
4283	L51462	L	301.9	309.9	1374	48.5	180	1	Heat Dissipation Failure	
4284	M19143	M	301.8	309.9	1334	61	182	1	Heat Dissipation Failure	
4285	L51464	L	301.8	310	1493	40.3	185	0	No Failure	
4286	L51465	L	301.7	309.9	1317	49	187	1	Heat Dissipation Failure	
4287	M19146	M	301.7	309.9	1434	47.9	189	0	No Failure	
4288	M19147	M	301.7	309.9	1457	39.2	192	0	No Failure	
4289	M19148	M	301.7	310	1391	50.6	195	0	No Failure	
4290	M19149	M	301.8	310	1781	23.9	198	0	No Failure	
4291	L51470	L	301.8	310	1642	32.6	201	0	No Failure	
4292	L51471	L	301.8	310	2032	19	203	0	No Failure	
4293	M19152	M	301.8	310.1	2372	13.9	205	1	Power Failure	

4294	L51473	L	301.8	310	1393	44.9	208	0	No Failure	
4295	M19154	M	301.7	310.1	1743	27.3	210	0	No Failure	
4296	L51475	L	301.8	310.2	1457	40.4	213	0	No Failure	
4297	L51476	L	301.8	310.2	2825	5.8	215	1	Power Failure	
4298	M19157	M	301.8	310.2	1609	34.2	217	0	No Failure	
4299	M19158	M	301.8	310.2	1437	42.3	0	0	No Failure	
4300	L51479	L	301.7	310.1	1402	50.1	3	0	No Failure	
4301	M19160	M	301.7	310.1	1644	34.6	5	0	No Failure	
4302	L51481	L	301.7	310.2	1471	51.1	8	0	No Failure	
4303	L51482	L	301.7	310.1	2695	12.6	10	0	No Failure	
4304	L51483	L	301.7	310.2	1435	48.1	12	0	No Failure	
4305	L51484	L	301.6	310.1	1694	26.3	14	0	No Failure	
4306	L51485	L	301.6	310.1	1687	26.6	16	0	No Failure	
4307	L51486	L	301.6	310	1869	22.9	18	0	No Failure	
4308	L51487	L	301.4	309.9	1259	63.9	20	1	Heat Dissipation Failure	
4309	H33722	H	301.4	309.9	1460	47.2	22	0	No Failure	
4310	M19169	M	301.3	309.9	1501	39.5	27	0	No Failure	
4311	L51490	L	301.4	310	1776	25.6	30	0	No Failure	
4312	M19171	M	301.5	310.1	1468	40.8	32	0	No Failure	
4313	L51492	L	301.5	310.1	1430	46.5	35	0	No Failure	
4314	L51493	L	301.4	310.1	1502	46.6	37	0	No Failure	
4315	H33728	H	301.4	310.1	1623	32.3	39	0	No Failure	
4316	M19175	M	301.4	310	1651	29.8	44	0	No Failure	
4317	L51496	L	301.5	310.1	1639	33.4	47	0	No Failure	
4318	M19177	M	301.5	310	1417	44.6	49	0	No Failure	
4319	L51498	L	301.5	310.1	1541	42.2	52	0	No Failure	
4320	M19179	M	301.6	310.2	1411	45.1	54	0	No Failure	
4321	L51500	L	301.7	310.3	1397	44.6	57	0	No Failure	
4322	L51501	L	301.7	310.2	1686	28.9	59	0	No Failure	
4323	M19182	M	301.7	310.1	1431	44	61	0	No Failure	
4324	L51503	L	301.8	310.3	1341	50.5	64	1	Heat Dissipation Failure	
4325	L51504	L	301.7	310.2	1486	43	66	0	No Failure	
4326	L51505	L	301.6	310.2	1384	57.1	68	0	No Failure	
4327	L51506	L	301.6	310.1	1362	55.8	70	1	Heat Dissipation Failure	
4328	H33741	H	301.7	310.1	1660	29.3	72	0	No Failure	
4329	L51508	L	301.6	310.1	1326	48.2	77	1	Heat Dissipation Failure	
4330	L51509	L	301.6	310	1566	30.3	79	0	No Failure	
4331	L51510	L	301.5	309.8	1549	38.5	81	0	No Failure	

4332	M19191	M	301.6	309.9	1746	31.1	83	0	No Failure	
4333	M19192	M	301.7	309.9	1452	41.5	86	0	No Failure	
4334	L51513	L	301.6	309.8	1588	33.9	89	0	No Failure	
4335	L51514	L	301.6	309.8	1472	42.5	91	0	No Failure	
4336	L51515	L	301.7	309.9	1607	37.7	93	0	No Failure	
4337	H33750	H	301.6	309.9	1423	53.6	95	0	No Failure	
4338	L51517	L	301.6	309.9	1440	43.4	100	0	No Failure	
4339	L51518	L	301.6	309.9	1397	43.7	102	0	No Failure	
4340	L51519	L	301.7	309.9	1524	46.6	104	0	No Failure	
4341	M19200	M	301.7	309.9	1533	40.9	106	0	No Failure	
4342	L51521	L	301.7	309.8	1398	46	109	0	No Failure	
4343	M19202	M	301.7	309.8	1284	68.2	111	1	Power Failure	
4344	L51523	L	301.7	309.8	1491	39.3	114	0	No Failure	
4345	H33758	H	301.8	309.9	1418	51.3	116	0	No Failure	
4346	M19205	M	301.8	309.8	1546	39.8	121	0	No Failure	
4347	L51526	L	301.8	309.7	1598	30.4	124	0	No Failure	
4348	H33761	H	301.9	309.8	1724	27.5	126	0	No Failure	
4349	L51528	L	301.9	309.8	1507	44.7	131	0	No Failure	
4350	L51529	L	301.9	309.7	1595	31.4	133	0	No Failure	
4351	M19210	M	301.9	309.7	1568	37.5	135	0	No Failure	
4352	L51531	L	301.8	309.6	1432	43.7	138	0	No Failure	
4353	L51532	L	301.9	309.7	1424	42.8	140	0	No Failure	
4354	M19213	M	302	309.7	1386	62.7	142	1	Power Failure	
4355	L51534	L	302	309.8	1456	58.1	145	0	No Failure	
4356	H33769	H	302	309.8	1280	57.3	147	1	Heat Dissipation Failure	
4357	L51536	L	302	309.8	1649	31	152	0	No Failure	
4358	L51537	L	302	309.9	1407	52.8	154	0	No Failure	
4359	H33772	H	302	309.9	1606	34.5	156	0	No Failure	
4360	M19219	M	302.1	310	1531	38	161	0	No Failure	
4361	L51540	L	302.1	310.1	1543	35.8	164	0	No Failure	
4362	M19221	M	302.1	310.1	1379	48.2	166	1	Heat Dissipation Failure	
4363	L51542	L	302.1	310.1	1447	46.6	169	0	No Failure	
4364	H33777	H	302.1	310.1	1844	24.6	171	0	No Failure	
4365	H33778	H	302.1	310.1	1615	29.9	176	0	No Failure	
4366	L51545	L	302	310	1449	48.8	181	0	No Failure	
4367	L51546	L	302	309.9	1388	51.4	183	0	No Failure	
4368	H33781	H	302	309.9	1447	42.8	185	0	No Failure	
4369	L51548	L	302	310	1664	28.6	190	0	No Failure	

4370	H33783	H	302	309.9	1735	27.2	192	0	No Failure	
4371	L51550	L	302	309.9	1308	57.6	197	1	Heat Dissipation Failure	
4372	L51551	L	302	309.8	1480	40	199	0	No Failure	
4373	M19232	M	301.9	309.6	1439	41.7	201	0	No Failure	
4374	M19233	M	301.9	309.7	1533	35.9	204	0	No Failure	
4375	L51554	L	302	309.7	1551	34.8	207	0	No Failure	
4376	L51555	L	302	309.7	1414	36.3	209	0	No Failure	
4377	M19236	M	301.9	309.6	1551	34.6	211	0	No Failure	
4378	M19237	M	301.8	309.6	1436	49	214	0	No Failure	
4379	M19238	M	301.9	309.6	1385	45.8	217	0	No Failure	
4380	M19239	M	301.8	309.5	1732	30.1	220	0	No Failure	
4381	L51560	L	301.9	309.6	1410	49	223	0	No Failure	
4382	L51561	L	301.9	309.6	1446	43.2	225	0	No Failure	
4383	L51562	L	301.8	309.5	1525	39.6	227	0	No Failure	
4384	L51563	L	301.7	309.5	1298	65.5	229	1	Heat Dissipation Failure	
4385	L51564	L	301.8	309.6	1443	42.7	231	0	No Failure	
4386	L51565	L	301.8	309.7	1442	45.3	233	1	Tool Wear Failure	
4387	L51566	L	301.9	309.7	1719	31.9	0	0	No Failure	
4388	L51567	L	302	309.8	1532	39.4	2	0	No Failure	
4389	L51568	L	302	309.8	1701	27.2	4	0	No Failure	
4390	M19249	M	302.1	310	1355	45.1	6	1	Heat Dissipation Failure	
4391	M19250	M	302.2	310.1	1421	45.4	9	0	No Failure	
4392	M19251	M	302.2	310.1	1368	51.6	12	1	Heat Dissipation Failure	
4393	L51572	L	302.2	310.1	1458	45.1	15	0	No Failure	
4394	M19253	M	302.2	310.1	1572	34.6	17	0	No Failure	
4395	L51574	L	302.2	310	1483	48.7	20	0	No Failure	
4396	L51575	L	302.3	310.1	1513	40.4	22	0	No Failure	
4397	H33810	H	302.3	310.1	1383	42.9	24	0	No Failure	
4398	L51577	L	302.4	310.2	1539	37.7	29	0	No Failure	
4399	M19258	M	302.3	310.1	1563	37.8	31	0	No Failure	
4400	L51579	L	302.3	310.1	1653	29.7	34	0	No Failure	
4401	L51580	L	302.3	310.1	1353	50.9	36	1	Heat Dissipation Failure	
4402	H33815	H	302.2	310	1468	43.6	38	0	No Failure	
4403	H33816	H	302.3	310.2	1506	33.8	43	0	No Failure	
4404	L51583	L	302.3	310.1	1388	49.9	48	0	No Failure	
4405	M19264	M	302.4	310.2	1485	45.9	50	0	No Failure	
4406	L51585	L	302.4	310.2	1331	45.5	53	1	Heat Dissipation Failure	
4407	L51586	L	302.5	310.3	1326	58.5	55	1	Heat Dissipation Failure	

4408	L51587	L	302.3	310.2	1394	55.4	57	0	No Failure	
4409	L51588	L	302.4	310.1	2009	18.9	59	0	No Failure	
4410	M19269	M	302.4	310.1	1358	54.6	61	1	Heat Dissipation Failure	
4411	L51590	L	302.5	310.2	1586	32.2	64	0	No Failure	
4412	L51591	L	302.5	310.3	1688	31.6	66	0	No Failure	
4413	L51592	L	302.6	310.5	1450	43.2	68	0	No Failure	
4414	M19273	M	302.7	310.5	1398	47.3	70	0	No Failure	
4415	L51594	L	302.7	310.5	1520	39.3	73	0	No Failure	
4416	L51595	L	302.6	310.4	1514	42.7	75	0	No Failure	
4417	M19276	M	302.6	310.4	1532	36.1	77	0	No Failure	
4418	L51597	L	302.6	310.4	1365	66.8	80	1	Power Failure	
4419	L51598	L	302.6	310.3	1642	33.2	82	0	No Failure	
4420	M19279	M	302.6	310.2	2676	10.8	84	1	Power Failure	
4421	H33834	H	302.6	310.2	1873	21.3	87	0	No Failure	
4422	L51601	L	302.6	310.2	1325	62.4	92	1	Heat Dissipation Failure	
4423	M19282	M	302.6	310.2	2157	17.2	94	0	No Failure	
4424	M19283	M	302.6	310.2	1563	39	97	0	No Failure	
4425	M19284	M	302.6	310.2	1631	31	100	0	No Failure	
4426	L51605	L	302.5	310.2	1547	36.9	103	0	No Failure	
4427	L51606	L	302.6	310.3	1479	40.4	105	0	No Failure	
4428	M19287	M	302.4	310.1	1379	48.9	107	1	Heat Dissipation Failure	
4429	L51608	L	302.4	310.1	1906	21.2	110	0	No Failure	
4430	M19289	M	302.3	310.1	1731	33.4	112	0	No Failure	
4431	H33844	H	302.3	310.1	1688	30.4	115	0	No Failure	
4432	H33845	H	302.3	310.2	1443	54.6	120	0	No Failure	
4433	L51612	L	302.4	310.2	1445	46.4	125	0	No Failure	
4434	H33847	H	302.4	310.2	1435	44.9	127	0	No Failure	
4435	L51614	L	302.4	310.1	1556	32.9	132	0	No Failure	
4436	L51615	L	302.3	310.1	1321	52.7	134	1	Heat Dissipation Failure	
4437	M19296	M	302.4	310.1	1577	35.8	136	0	No Failure	
4438	L51617	L	302.4	310.2	1578	31.2	139	0	No Failure	
4439	L51618	L	302.4	310.1	1418	52.3	141	0	No Failure	
4440	M19299	M	302.4	310.2	1392	55.8	143	0	No Failure	
4441	L51620	L	302.5	310.3	1446	44	146	0	No Failure	
4442	L51621	L	302.5	310.2	1329	50.6	148	1	Heat Dissipation Failure	
4443	L51622	L	302.5	310.2	1563	34.8	150	0	No Failure	
4444	L51623	L	302.5	310.3	1405	57.4	152	0	No Failure	
4445	L51624	L	302.4	310.2	2224	16	154	0	No Failure	

4446	L51625	L	302.5	310.2	1716	29.9	156	0	No Failure	
4447	L51626	L	302.5	310.3	1584	35.5	158	0	No Failure	
4448	M19307	M	302.5	310.3	1488	41.8	160	0	No Failure	
4449	L51628	L	302.4	310.3	1374	51.2	163	1	Heat Dissipation Failure	
4450	M19309	M	302.4	310.3	1378	54.3	165	1	Heat Dissipation Failure	
4451	L51630	L	302.5	310.3	1551	37.3	168	0	No Failure	
4452	L51631	L	302.5	310.3	1549	40.9	170	0	No Failure	
4453	M19312	M	302.5	310.3	1447	39.2	172	0	No Failure	
4454	L51633	L	302.4	310.2	1400	53.7	175	0	No Failure	
4455	L51634	L	302.4	310.1	1401	48.8	177	0	No Failure	
4456	H33869	H	302.4	310.1	1597	28.9	179	0	No Failure	
4457	L51636	L	302.3	310.1	1487	46	184	0	No Failure	
4458	M19317	M	302.5	310.3	1710	27.3	186	0	No Failure	
4459	L51638	L	302.6	310.4	1478	47.7	189	0	No Failure	
4460	L51639	L	302.6	310.4	1743	26.3	191	0	No Failure	
4461	L51640	L	302.6	310.5	1596	32.8	193	0	No Failure	
4462	L51641	L	302.7	310.5	1642	30.8	195	0	No Failure	
4463	L51642	L	302.7	310.5	1263	67.8	197	1	Heat Dissipation Failure	
4464	L51643	L	302.8	310.6	2016	19.9	199	0	No Failure	
4465	L51644	L	302.8	310.6	1671	30.5	201	0	No Failure	
4466	L51645	L	302.8	310.6	1404	43.2	203	0	No Failure	
4467	L51646	L	302.8	310.6	1470	41.1	205	0	No Failure	
4468	L51647	L	302.8	310.6	1617	37.9	207	0	No Failure	
4469	L51648	L	302.7	310.5	1725	29	209	0	No Failure	
4470	L51649	L	302.7	310.5	1446	40.9	211	1	Tool Wear Failure	
4471	L51650	L	302.7	310.6	1564	34.3	0	0	No Failure	
4472	L51651	L	302.8	310.6	1670	29.1	2	0	No Failure	
4473	L51652	L	302.7	310.6	1501	48.7	4	0	No Failure	
4474	L51653	L	302.7	310.5	1551	35.9	6	0	No Failure	
4475	L51654	L	302.7	310.5	1563	35	8	0	No Failure	
4476	L51655	L	302.7	310.5	1351	41.8	10	1	Heat Dissipation Failure	
4477	L51656	L	302.6	310.4	1415	52.1	12	0	No Failure	
4478	L51657	L	302.6	310.3	1647	34.2	14	0	No Failure	
4479	L51658	L	302.5	310.2	1477	41.6	16	0	No Failure	
4480	L51659	L	302.6	310.2	1923	21.5	18	0	No Failure	
4481	H33894	H	302.7	310.4	1305	55.2	20	1	Heat Dissipation Failure	
4482	M19341	M	302.6	310.4	1544	35.1	25	0	No Failure	
4483	H33896	H	302.7	310.5	1568	36.9	28	0	No Failure	

4484	L51663	L	302.7	310.4	1489	42.7	33	0	No Failure	
4485	M19344	M	302.6	310.4	1451	43.1	35	0	No Failure	
4486	L51665	L	302.7	310.4	1542	35.7	38	0	No Failure	
4487	M19346	M	302.6	310.5	1965	20.2	40	0	No Failure	
4488	L51667	L	302.5	310.5	1436	36.5	43	0	No Failure	
4489	M19348	M	302.5	310.4	1509	37.6	45	0	No Failure	
4490	L51669	L	302.5	310.4	1487	40.2	48	0	No Failure	
4491	L51670	L	302.5	310.4	1967	20.3	50	0	No Failure	
4492	H33905	H	302.6	310.4	1409	53.3	52	0	No Failure	
4493	M19352	M	302.6	310.5	1420	56.4	57	0	No Failure	
4494	L51673	L	302.7	310.5	1511	37.7	60	0	No Failure	
4495	H33908	H	302.6	310.4	1649	30.1	62	0	No Failure	
4496	L51675	L	302.6	310.4	1359	57.2	67	1	Heat Dissipation Failure	
4497	M19356	M	302.5	310.4	1605	36	69	0	No Failure	
4498	L51677	L	302.5	310.3	1523	36	72	0	No Failure	
4499	H33912	H	302.6	310.4	1614	36	74	0	No Failure	
4500	H33913	H	302.6	310.3	1721	27.4	79	0	No Failure	
4501	L51680	L	302.6	310.4	1638	36.2	84	0	No Failure	
4502	L51681	L	302.5	310.2	1307	54	86	1	Heat Dissipation Failure	
4503	L51682	L	302.4	310.2	1642	28.3	88	0	No Failure	
4504	M19363	M	302.5	310.2	1751	30.5	90	0	No Failure	
4505	L51684	L	302.4	310.1	1645	31.6	93	0	No Failure	
4506	L51685	L	302.4	310.1	1426	46.8	95	0	No Failure	
4507	M19366	M	302.4	310.1	1520	36.6	97	0	No Failure	
4508	L51687	L	302.4	310.1	1709	31.8	100	0	No Failure	
4509	L51688	L	302.4	310	1426	46.6	102	0	No Failure	
4510	L51689	L	302.4	310.1	1429	43.7	104	0	No Failure	
4511	L51690	L	302.4	310.2	1346	62.4	106	1	Heat Dissipation Failure	
4512	L51691	L	302.5	310.2	1454	43	108	0	No Failure	
4513	M19372	M	302.5	310.3	1411	49.5	110	0	No Failure	
4514	L51693	L	302.4	310.3	1900	24.4	113	0	No Failure	
4515	L51694	L	302.4	310.3	1479	36.2	115	0	No Failure	
4516	L51695	L	302.5	310.4	1415	48.2	117	0	No Failure	
4517	L51696	L	302.5	310.3	1539	39	119	0	No Failure	
4518	L51697	L	302.4	310.3	1520	31.6	121	0	No Failure	
4519	L51698	L	302.4	310.3	1480	45.8	123	0	No Failure	
4520	L51699	L	302.4	310.4	1666	29.7	125	0	No Failure	
4521	L51700	L	302.4	310.4	1456	47.6	127	0	No Failure	

4522	L51701	L	302.4	310.4	1865	23.9	129	0	No Failure	
4523	M19382	M	302.5	310.5	1918	21.6	131	0	No Failure	
4524	L51703	L	302.5	310.4	1488	48.4	134	0	No Failure	
4525	M19384	M	302.5	310.5	1527	38.8	136	0	No Failure	
4526	M19385	M	302.4	310.4	1463	42.2	139	0	No Failure	
4527	L51706	L	302.4	310.4	1521	38.5	142	0	No Failure	
4528	M19387	M	302.4	310.5	1372	45.7	144	1	Heat Dissipation Failure	
4529	L51708	L	302.5	310.5	1507	39.5	147	0	No Failure	
4530	M19389	M	302.4	310.4	1586	34.3	149	0	No Failure	
4531	L51710	L	302.5	310.4	1487	42	152	0	No Failure	
4532	L51711	L	302.5	310.5	1520	41.2	154	0	No Failure	
4533	H33946	H	302.5	310.4	1422	41.9	156	0	No Failure	
4534	M19393	M	302.4	310.3	1375	52.5	161	1	Heat Dissipation Failure	
4535	L51714	L	302.4	310.2	1633	28	164	0	No Failure	
4536	L51715	L	302.4	310.2	1503	36.2	166	0	No Failure	
4537	L51716	L	302.4	310.2	1351	45.1	168	1	Heat Dissipation Failure	
4538	L51717	L	302.3	310.2	1548	35.3	170	0	No Failure	
4539	L51718	L	302.4	310.3	1923	23.3	172	0	No Failure	
4540	L51719	L	302.5	310.3	1592	32.6	174	0	No Failure	
4541	M19400	M	302.5	310.4	1580	35.6	176	0	No Failure	
4542	L51721	L	302.5	310.4	1427	46.8	179	0	No Failure	
4543	M19402	M	302.5	310.4	1581	32.7	181	0	No Failure	
4544	M19403	M	302.6	310.5	1542	39.9	184	0	No Failure	
4545	L51724	L	302.5	310.4	1349	55.1	187	1	Heat Dissipation Failure	
4546	L51725	L	302.5	310.5	1463	43	189	0	No Failure	
4547	M19406	M	302.5	310.4	1429	43.2	191	0	No Failure	
4548	M19407	M	302.5	310.4	1451	53.6	194	0	No Failure	
4549	L51728	L	302.6	310.5	1511	37.2	197	0	No Failure	
4550	L51729	L	302.6	310.6	1549	37.5	199	0	No Failure	
4551	M19410	M	302.5	310.5	1507	40.2	201	0	No Failure	
4552	M19411	M	302.6	310.5	1524	33.7	204	0	No Failure	
4553	M19412	M	302.7	310.5	1880	22.7	207	0	No Failure	
4554	L51733	L	302.6	310.5	1461	45.4	0	0	No Failure	
4555	L51734	L	302.6	310.5	1748	28.2	2	0	No Failure	
4556	L51735	L	302.7	310.6	1690	26.7	4	0	No Failure	
4557	M19416	M	302.7	310.6	1349	51.2	6	1	Heat Dissipation Failure	
4558	L51737	L	302.7	310.6	1686	26.3	9	0	No Failure	
4559	L51738	L	302.7	310.7	1369	47.5	11	1	Heat Dissipation Failure	

4560	L51739	L	302.7	310.7	1433	43.7	13	0	No Failure	
4561	L51740	L	302.7	310.7	1597	41.9	15	0	No Failure	
4562	L51741	L	302.9	310.8	1610	32.2	17	0	No Failure	
4563	L51742	L	302.7	310.7	1398	57.7	19	0	No Failure	
4564	L51743	L	302.7	310.7	1977	20	21	0	No Failure	
4565	L51744	L	302.8	310.8	1516	39.5	23	0	No Failure	
4566	H33979	H	302.7	310.8	1275	55	25	1	Heat Dissipation Failure	
4567	L51746	L	302.8	310.8	1402	50.5	30	0	No Failure	
4568	M19427	M	302.8	310.8	1451	44.7	32	0	No Failure	
4569	M19428	M	302.7	310.8	1555	36.1	35	0	No Failure	
4570	L51749	L	302.8	310.9	1636	35	38	0	No Failure	
4571	L51750	L	302.8	310.9	1312	52.2	40	1	Heat Dissipation Failure	
4572	L51751	L	302.8	310.9	1708	29.8	42	0	No Failure	
4573	M19432	M	302.9	311	1556	36.5	44	0	No Failure	
4574	H33987	H	302.8	311	1436	43.5	47	0	No Failure	
4575	M19434	M	302.9	311	1402	40.7	52	0	No Failure	
4576	M19435	M	302.9	311	1437	49.9	55	0	No Failure	
4577	M19436	M	302.9	311.1	1926	21.8	58	0	No Failure	
4578	L51757	L	303	311.2	1800	23.7	61	0	No Failure	
4579	L51758	L	303	311.2	1641	32.6	63	0	No Failure	
4580	L51759	L	303	311.2	1374	48.2	65	1	Heat Dissipation Failure	
4581	L51760	L	303	311.2	1494	37	67	0	No Failure	
4582	L51761	L	303	311.2	1601	32.9	69	0	No Failure	
4583	L51762	L	302.9	311.2	1634	36.9	71	0	No Failure	
4584	M19443	M	302.9	311.2	1467	37.7	73	0	No Failure	
4585	L51764	L	302.8	311.1	1550	32.3	76	0	No Failure	
4586	L51765	L	302.8	311.1	1563	32.2	78	0	No Failure	
4587	L51766	L	302.7	310.9	1395	48.3	80	0	No Failure	
4588	M19447	M	302.8	311	1507	33.4	82	0	No Failure	
4589	L51768	L	302.8	311	1564	38.5	85	0	No Failure	
4590	L51769	L	302.8	311.1	1721	30	87	0	No Failure	
4591	L51770	L	302.8	311.1	1456	36.1	89	0	No Failure	
4592	H34005	H	302.9	311.2	2102	17.8	91	0	No Failure	
4593	L51772	L	302.9	311.1	1555	33.9	96	0	No Failure	
4594	L51773	L	303	311.2	1409	41.9	98	0	No Failure	
4595	M19454	M	303	311.2	1387	41.4	100	0	No Failure	
4596	M19455	M	303	311.2	1460	43.9	103	0	No Failure	
4597	L51776	L	303	311.2	1361	47.6	106	1	Heat Dissipation Failure	

4598	M19457	M	303	311.1	1490	43	108	0	No Failure	
4599	L51778	L	303.1	311.2	1399	49.2	111	0	No Failure	
4600	L51779	L	303.1	311.1	1420	55.8	113	0	No Failure	
4601	L51780	L	303	311	1359	44.2	115	1	Heat Dissipation Failure	
4602	M19461	M	303	311.1	1372	54.3	117	1	Heat Dissipation Failure	
4603	M19462	M	303	311	1409	41.7	120	0	No Failure	
4604	H34017	H	302.9	311	1452	58.3	123	0	No Failure	
4605	L51784	L	302.9	311	1820	24.6	128	0	No Failure	
4606	H34019	H	302.9	311	1469	48.7	130	0	No Failure	
4607	L51786	L	302.9	311.1	1556	45.3	135	0	No Failure	
4608	L51787	L	303	311.1	1980	20.2	137	0	No Failure	
4609	M19468	M	303	311.2	1519	38	139	0	No Failure	
4610	L51789	L	303	311.2	1456	44	142	0	No Failure	
4611	L51790	L	303.1	311.2	1394	45.3	144	0	No Failure	
4612	L51791	L	303	311.3	1365	56.2	146	1	Heat Dissipation Failure	
4613	L51792	L	303	311.3	2194	16.5	148	0	No Failure	
4614	L51793	L	303.1	311.3	1403	55.6	150	0	No Failure	
4615	H34028	H	303	311.2	1503	37	152	0	No Failure	
4616	L51795	L	303	311.3	1793	29.3	157	0	No Failure	
4617	L51796	L	303.1	311.4	1829	24.5	159	0	No Failure	
4618	M19477	M	303.1	311.4	1831	23.3	161	0	No Failure	
4619	M19478	M	303	311.3	1335	53.6	164	1	Heat Dissipation Failure	
4620	H34033	H	303.1	311.3	2056	19.7	167	0	No Failure	
4621	L51800	L	303.1	311.3	1336	52.6	172	1	Heat Dissipation Failure	
4622	L51801	L	303	311.2	1341	51	174	1	Heat Dissipation Failure	
4623	M19482	M	303	311.1	1526	37.3	176	0	No Failure	
4624	L51803	L	303	311.1	1525	40.7	179	0	No Failure	
4625	M19484	M	303	311.1	1428	39.8	181	0	No Failure	
4626	L51805	L	303	311.2	1511	45.7	184	0	No Failure	
4627	L51806	L	303	311.2	1664	29.8	186	0	No Failure	
4628	M19487	M	303	311.2	1592	38.9	188	0	No Failure	
4629	M19488	M	303	311.1	1597	36.7	191	0	No Failure	
4630	L51809	L	303	311.2	1735	26.1	194	0	No Failure	
4631	L51810	L	302.9	311.2	1751	23.8	196	0	No Failure	
4632	L51811	L	303	311.2	1383	44.6	198	0	No Failure	
4633	M19492	M	302.9	311.2	1330	53.7	200	1	Heat Dissipation Failure	
4634	L51813	L	303	311.2	1382	50.5	203	0	No Failure	
4635	L51814	L	303	311.2	1755	30.4	205	0	No Failure	

4636	M19495	M	303	311.2	1614	35.7	207	0	No Failure	
4637	L51816	L	303	311.3	1466	43	210	0	No Failure	
4638	M19497	M	303.1	311.3	1847	24.7	212	0	No Failure	
4639	L51818	L	303.1	311.3	1474	34.8	215	0	No Failure	
4640	L51819	L	303.1	311.3	1657	31.8	217	0	No Failure	
4641	L51820	L	303.1	311.2	1435	40.1	219	0	No Failure	
4642	H34055	H	303.1	311.3	1494	42.7	221	0	No Failure	
4643	L51822	L	303.2	311.4	1238	54.6	226	1	Heat Dissipation Failure	
4644	L51823	L	303.2	311.4	1324	54.2	228	1	Heat Dissipation Failure	
4645	L51824	L	303.2	311.4	1514	41.2	230	0	No Failure	
4646	L51825	L	303.3	311.4	1732	25.6	232	0	No Failure	
4647	L51826	L	303.3	311.4	1497	46	234	1	Tool Wear Failure	
4648	L51827	L	303.3	311.4	1958	21.5	0	0	No Failure	
4649	L51828	L	303.3	311.4	1630	32.5	2	0	No Failure	
4650	M19509	M	303.3	311.4	1395	59.1	4	0	No Failure	
4651	L51830	L	303.3	311.4	1658	30.5	7	0	No Failure	
4652	L51831	L	303.2	311.4	1349	51.1	9	1	Heat Dissipation Failure	
4653	L51832	L	303.1	311.2	1452	52.9	11	0	No Failure	
4654	M19513	M	303.1	311.1	1594	35.5	13	0	No Failure	
4655	M19514	M	303.1	311	1510	47.6	16	0	No Failure	
4656	L51835	L	303.1	311.1	1854	22.6	19	0	No Failure	
4657	L51836	L	303.1	311.2	1626	32.3	21	0	No Failure	
4658	L51837	L	303.1	311.2	1628	35.2	23	0	No Failure	
4659	L51838	L	303.1	311.2	1679	34.8	25	0	No Failure	
4660	M19519	M	303.1	311.2	1489	44.5	27	0	No Failure	
4661	L51840	L	303.2	311.2	1439	43.9	30	0	No Failure	
4662	L51841	L	303.3	311.3	1350	48.1	32	1	Heat Dissipation Failure	
4663	H34076	H	303.3	311.2	1607	31.7	34	0	No Failure	
4664	L51843	L	303.3	311.3	1389	53.9	39	0	No Failure	
4665	M19524	M	303.3	311.3	1566	46.1	41	0	No Failure	
4666	M19525	M	303.4	311.4	1307	54	44	1	Heat Dissipation Failure	
4667	M19526	M	303.3	311.5	1569	36.6	47	0	No Failure	
4668	H34081	H	303.3	311.4	1651	30.6	50	0	No Failure	
4669	H34082	H	303.3	311.4	1692	27.9	55	0	No Failure	
4670	M19529	M	303.3	311.5	1373	47.3	60	1	Heat Dissipation Failure	
4671	L51850	L	303.2	311.4	1610	35.5	63	0	No Failure	
4672	L51851	L	303.3	311.4	1511	43.4	65	0	No Failure	
4673	L51852	L	303.3	311.5	1412	55.6	67	0	No Failure	

4674	L51853	L	303.4	311.5	1501	36.2	69	0	No Failure	
4675	L51854	L	303.4	311.5	1414	44.8	71	0	No Failure	
4676	H34089	H	303.5	311.5	1629	33.5	73	0	No Failure	
4677	L51856	L	303.4	311.5	1879	21.3	78	0	No Failure	
4678	H34091	H	303.5	311.6	1466	47	80	0	No Failure	
4679	H34092	H	303.6	311.7	1476	40.1	85	0	No Failure	
4680	L51859	L	303.6	311.8	1695	30.7	90	0	No Failure	
4681	L51860	L	303.6	311.7	1491	39.8	92	0	No Failure	
4682	M19541	M	303.6	311.8	1659	34.7	94	0	No Failure	
4683	L51862	L	303.6	311.8	1567	31.7	97	0	No Failure	
4684	L51863	L	303.6	311.8	1736	32.9	99	0	No Failure	
4685	M19544	M	303.6	311.8	1421	44.8	101	1	No Failure	
4686	M19545	M	303.6	311.8	1627	30.8	104	0	No Failure	
4687	M19546	M	303.5	311.6	1562	34.2	107	0	No Failure	
4688	L51867	L	303.5	311.6	2183	17	110	0	No Failure	
4689	L51868	L	303.5	311.6	1577	38.1	112	0	No Failure	
4690	M19549	M	303.4	311.5	1560	36.4	114	0	No Failure	
4691	M19550	M	303.4	311.5	1483	43	117	0	No Failure	
4692	L51871	L	303.5	311.5	1535	33.3	120	0	No Failure	
4693	M19552	M	303.4	311.4	1606	29.6	122	0	No Failure	
4694	M19553	M	303.4	311.5	1817	24.7	125	0	No Failure	
4695	L51874	L	303.4	311.5	1424	50.8	128	0	No Failure	
4696	L51875	L	303.3	311.6	1514	34.7	130	0	No Failure	
4697	L51876	L	303.4	311.6	1449	41.7	132	0	No Failure	
4698	M19557	M	303.5	311.6	1573	34	134	0	No Failure	
4699	L51878	L	303.4	311.6	1564	41.9	137	0	No Failure	
4700	L51879	L	303.5	311.6	1428	46.2	139	0	No Failure	
4701	L51880	L	303.5	311.7	1620	31	141	0	No Failure	
4702	H34115	H	303.5	311.7	1584	32.7	143	0	No Failure	
4703	L51882	L	303.6	311.8	1222	66.8	148	1	Heat Dissipation Failure	
4704	M19563	M	303.6	311.8	1432	42.5	150	0	No Failure	
4705	L51884	L	303.7	311.9	1561	33.3	153	0	No Failure	
4706	L51885	L	303.6	311.8	1614	33.2	155	0	No Failure	
4707	L51886	L	303.5	311.7	1959	22.3	157	0	No Failure	
4708	L51887	L	303.5	311.8	1944	23.5	159	0	No Failure	
4709	L51888	L	303.4	311.7	1793	25.8	161	0	No Failure	
4710	M19569	M	303.4	311.6	1446	50	163	0	No Failure	
4711	L51890	L	303.4	311.7	1673	32.2	166	0	No Failure	

4712	M19571	M	303.4	311.7	1515	44.2	168	0	No Failure	
4713	L51892	L	303.4	311.8	1564	35.9	171	0	No Failure	
4714	L51893	L	303.5	311.8	1451	45.2	173	0	No Failure	
4715	H34128	H	303.4	311.8	1693	28.3	175	0	No Failure	
4716	L51895	L	303.4	311.7	1476	42.3	180	0	No Failure	
4717	L51896	L	303.4	311.6	1712	30.1	182	0	No Failure	
4718	M19577	M	303.4	311.6	1425	45.4	184	0	No Failure	
4719	L51898	L	303.3	311.6	1337	56.8	187	1	Heat Dissipation Failure	
4720	M19579	M	303.4	311.7	1690	34.9	189	0	No Failure	
4721	M19580	M	303.4	311.7	1353	44.1	192	1	Heat Dissipation Failure	
4722	L51901	L	303.5	311.8	1927	21.9	195	0	No Failure	
4723	M19582	M	303.4	311.8	1391	42.7	197	0	No Failure	
4724	L51903	L	303.4	311.8	1366	50.9	200	1	Heat Dissipation Failure	
4725	L51904	L	303.4	311.9	1771	31.6	202	0	No Failure	
4726	M19585	M	303.4	311.8	1515	42.6	204	0	No Failure	
4727	M19586	M	303.4	311.8	2133	18.3	207	0	No Failure	
4728	M19587	M	303.4	311.8	1341	47	210	1	Heat Dissipation Failure	
4729	L51908	L	303.4	311.7	1406	47.1	213	0	No Failure	
4730	L51909	L	303.4	311.8	1306	61	215	1	Heat Dissipation Failure	
4731	L51910	L	303.3	311.7	1508	35.5	217	0	No Failure	
4732	L51911	L	303.3	311.6	1301	45.1	219	1	Heat Dissipation Failure	
4733	L51912	L	303.3	311.7	1539	38.5	221	0	No Failure	
4734	L51913	L	303.3	311.6	1484	44.6	223	0	No Failure	
4735	L51914	L	303.2	311.5	1507	39.2	225	0	No Failure	
4736	L51915	L	303.2	311.5	1544	42.5	227	0	No Failure	
4737	L51916	L	303.2	311.5	1513	37.9	0	0	No Failure	
4738	M19597	M	303.2	311.5	1336	58.2	2	1	Heat Dissipation Failure	
4739	M19598	M	303.2	311.4	2102	19	5	0	No Failure	
4740	L51919	L	303.2	311.4	1351	53.8	8	1	Heat Dissipation Failure	
4741	L51920	L	303.3	311.5	1601	35.2	10	0	No Failure	
4742	L51921	L	303.2	311.3	1393	52.9	12	0	No Failure	
4743	L51922	L	303.3	311.3	1592	33.7	14	0	No Failure	
4744	L51923	L	303.3	311.3	1409	51.8	16	0	No Failure	
4745	L51924	L	303.3	311.3	1393	47.4	18	0	No Failure	
4746	H34159	H	303.2	311.2	1475	43.1	20	0	No Failure	
4747	L51926	L	303.2	311.2	1427	45.6	25	0	No Failure	
4748	L51927	L	303.3	311.2	1763	27.3	27	0	No Failure	
4749	L51928	L	303.2	311.2	1363	46.7	29	1	Heat Dissipation Failure	

4750	L51929	L	303.2	311.2	1404	50.9	31	0	No Failure	
4751	M19610	M	303.2	311.2	1688	31.9	33	0	No Failure	
4752	L51931	L	303.3	311.4	1510	37.3	36	0	No Failure	
4753	H34166	H	303.3	311.3	1502	39.5	38	0	No Failure	
4754	H34167	H	303.2	311.4	1607	36.6	43	0	No Failure	
4755	M19614	M	303.3	311.5	1384	54.8	48	0	No Failure	
4756	L51935	L	303.4	311.7	1295	51.3	51	1	Heat Dissipation Failure	
4757	H34170	H	303.4	311.7	1991	19	53	0	No Failure	
4758	L51937	L	303.4	311.6	1497	42.8	58	0	No Failure	
4759	L51938	L	303.5	311.6	1465	48.7	60	0	No Failure	
4760	L51939	L	303.5	311.6	1361	46.5	62	1	Heat Dissipation Failure	
4761	L51940	L	303.6	311.7	1546	38.5	64	0	No Failure	
4762	H34175	H	303.7	311.9	1332	52.7	66	1	Heat Dissipation Failure	
4763	M19622	M	303.7	312	2663	11.4	71	1	Power Failure	
4764	L51943	L	303.7	312.1	1443	45.9	74	0	No Failure	
4765	M19624	M	303.7	312	1402	48.6	76	0	No Failure	
4766	L51945	L	303.7	312	1892	22.5	79	0	No Failure	
4767	M19626	M	303.6	312	1645	35.7	81	0	No Failure	
4768	L51947	L	303.6	311.9	1473	50.1	84	0	No Failure	
4769	L51948	L	303.6	312	1309	52.9	86	1	Heat Dissipation Failure	
4770	H34183	H	303.6	311.9	1544	37.1	88	0	No Failure	
4771	L51950	L	303.5	311.9	1344	49.3	93	1	Heat Dissipation Failure	
4772	M19631	M	303.6	311.9	1617	36	95	0	No Failure	
4773	M19632	M	303.6	312	1435	37.9	98	0	No Failure	
4774	L51953	L	303.6	312	1391	50.3	101	0	No Failure	
4775	L51954	L	303.6	312	1827	23.3	103	0	No Failure	
4776	L51955	L	303.5	312	1761	25.8	105	0	No Failure	
4777	L51956	L	303.5	312.1	1522	36.4	107	0	No Failure	
4778	M19637	M	303.5	312.2	1818	23.6	109	0	No Failure	
4779	H34192	H	303.6	312.2	1371	54.6	112	1	Heat Dissipation Failure	
4780	L51959	L	303.7	312.3	1511	38.9	117	0	No Failure	
4781	L51960	L	303.7	312.4	1404	46.6	119	0	No Failure	
4782	L51961	L	303.7	312.3	1384	45.9	121	0	No Failure	
4783	L51962	L	303.8	312.5	1368	52.6	123	0	No Failure	
4784	L51963	L	303.7	312.5	1641	36	125	0	No Failure	
4785	L51964	L	303.9	312.6	1642	32.3	127	0	No Failure	
4786	H34199	H	303.9	312.7	1401	50	129	0	No Failure	
4787	L51966	L	303.8	312.6	1577	41.3	134	0	No Failure	

4788	L51967	L	303.7	312.6	1396	44.1	136	0	No Failure	
4789	H34202	H	303.7	312.6	1514	35.5	138	0	No Failure	
4790	L51969	L	303.8	312.8	1646	35.8	143	0	No Failure	
4791	L51970	L	303.8	312.8	1443	40.7	145	0	No Failure	
4792	M19651	M	303.7	312.7	1469	48.5	147	0	No Failure	
4793	H34206	H	303.7	312.7	1564	40.2	150	0	No Failure	
4794	H34207	H	303.6	312.6	1498	40.2	155	0	No Failure	
4795	L51974	L	303.6	312.6	1699	27.9	160	0	No Failure	
4796	L51975	L	303.6	312.5	1431	49	162	0	No Failure	
4797	L51976	L	303.5	312.4	1390	47.3	164	0	No Failure	
4798	L51977	L	303.5	312.5	1380	46.1	166	0	No Failure	
4799	L51978	L	303.5	312.5	1457	46.4	168	0	No Failure	
4800	L51979	L	303.5	312.5	1418	42.2	170	0	No Failure	
4801	M19660	M	303.5	312.5	1353	51	172	0	No Failure	
4802	L51981	L	303.5	312.4	1574	32.7	175	0	No Failure	
4803	M19662	M	303.5	312.4	1318	54.2	177	0	No Failure	
4804	L51983	L	303.6	312.5	1710	31.4	180	0	No Failure	
4805	L51984	L	303.7	312.6	1621	38.8	182	0	No Failure	
4806	L51985	L	303.6	312.6	1606	33.6	184	0	No Failure	
4807	H34220	H	303.6	312.5	1375	54	186	0	No Failure	
4808	L51987	L	303.5	312.4	1503	36.5	191	0	No Failure	
4809	L51988	L	303.5	312.3	1404	48.6	193	0	No Failure	
4810	L51989	L	303.4	312.2	1656	32.7	195	0	No Failure	
4811	M19670	M	303.4	312.1	1499	39.4	197	0	No Failure	
4812	M19671	M	303.4	312	1748	28.4	200	0	No Failure	
4813	L51992	L	303.4	311.9	1531	37.9	203	0	No Failure	
4814	M19673	M	303.3	311.8	1536	40.6	205	0	No Failure	
4815	L51994	L	303.4	311.8	1401	53	208	1	Overstrain Failure	
4816	H34229	H	303.4	311.9	1534	33.2	210	0	No Failure	
4817	L51996	L	303.4	312	1521	35.9	215	1	Tool Wear Failure	
4818	L51997	L	303.5	312.1	1674	30.8	0	0	No Failure	
4819	M19678	M	303.6	312.1	1967	20.9	2	0	No Failure	
4820	L51999	L	303.6	312.2	1696	30.7	5	0	No Failure	
4821	M19680	M	303.6	312.1	1627	32.5	7	0	No Failure	
4822	L52001	L	303.5	311.9	1405	45.6	10	0	No Failure	
4823	L52002	L	303.5	311.9	1565	38.9	12	0	No Failure	
4824	L52003	L	303.5	311.9	1493	38.7	14	0	No Failure	
4825	L52004	L	303.4	311.8	1499	45	16	0	No Failure	

4826	L52005	L	303.3	311.8	1692	30.6	18	0	No Failure	
4827	L52006	L	303.4	311.8	2268	15.8	20	0	No Failure	
4828	L52007	L	303.4	311.8	1438	58.9	22	0	No Failure	
4829	L52008	L	303.5	311.9	1515	39.2	24	0	No Failure	
4830	L52009	L	303.4	311.9	1491	38.2	26	0	No Failure	
4831	L52010	L	303.5	312	1756	29.7	28	0	No Failure	
4832	L52011	L	303.5	312	1366	54.5	30	1	Heat Dissipation Failure	
4833	L52012	L	303.5	312	1436	45.1	32	0	No Failure	
4834	L52013	L	303.4	311.9	1377	41.6	34	1	Heat Dissipation Failure	
4835	M19694	M	303.4	311.9	1510	42.2	36	0	No Failure	
4836	M19695	M	303.4	311.9	1419	50.9	39	0	No Failure	
4837	L52016	L	303.3	311.8	1315	62	42	1	Heat Dissipation Failure	
4838	H34251	H	303.3	311.8	1806	27.7	44	0	No Failure	
4839	H34252	H	303.3	311.8	1649	29.4	49	0	No Failure	
4840	H34253	H	303.4	311.9	1402	50	54	0	No Failure	
4841	L52020	L	303.4	311.9	1298	63.9	59	1	Heat Dissipation Failure	
4842	M19701	M	303.3	311.8	1441	44.9	61	0	No Failure	
4843	M19702	M	303.3	311.8	1489	49.4	64	0	No Failure	
4844	L52023	L	303.3	311.8	1842	24.5	67	0	No Failure	
4845	M19704	M	303.4	311.8	1316	50.9	69	1	Heat Dissipation Failure	
4846	M19705	M	303.3	311.8	1583	33.3	72	0	No Failure	
4847	M19706	M	303.3	311.8	1548	33.5	75	0	No Failure	
4848	L52027	L	303.4	311.9	1434	44.6	78	0	No Failure	
4849	H34262	H	303.5	312	1397	52.9	80	0	No Failure	
4850	M19709	M	303.5	312	1475	42.9	85	0	No Failure	
4851	L52030	L	303.5	312	1441	56.8	88	0	No Failure	
4852	L52031	L	303.7	312.1	1363	51.8	90	1	Heat Dissipation Failure	
4853	L52032	L	303.7	312.2	1619	34.9	92	0	No Failure	
4854	L52033	L	303.7	312.2	1487	34	94	0	No Failure	
4855	L52034	L	303.7	312.2	1568	33.8	96	0	No Failure	
4856	L52035	L	303.7	312.3	1375	46.2	98	0	No Failure	
4857	M19716	M	303.6	312.3	1698	31.3	100	0	No Failure	
4858	L52037	L	303.7	312.3	1606	37.4	103	0	No Failure	
4859	L52038	L	303.7	312.3	1349	51	105	0	No Failure	
4860	L52039	L	303.7	312.4	1535	38.6	107	0	No Failure	
4861	M19720	M	303.6	312.4	1504	49.5	109	0	No Failure	
4862	L52041	L	303.5	312.3	1946	21.1	112	0	No Failure	
4863	L52042	L	303.5	312.1	1326	55.7	114	0	No Failure	

4864	M19723	M	303.6	312.3	1915	22.3	116	0	No Failure	
4865	L52044	L	303.6	312.3	1451	43.4	119	0	No Failure	
4866	M19725	M	303.5	312.3	1624	34.8	121	0	No Failure	
4867	L52046	L	303.6	312.4	1781	28.7	124	0	No Failure	
4868	L52047	L	303.6	312.5	1345	54.1	126	0	No Failure	
4869	L52048	L	303.6	312.4	1418	46	128	0	No Failure	
4870	L52049	L	303.7	312.4	1718	26.5	130	0	No Failure	
4871	M19730	M	303.7	312.4	1631	28.5	132	0	No Failure	
4872	L52051	L	303.7	312.4	1513	40.1	135	0	No Failure	
4873	L52052	L	303.7	312.4	1316	59.3	137	0	No Failure	
4874	M19733	M	303.7	312.4	1474	38.8	139	0	No Failure	
4875	L52054	L	303.8	312.5	1619	30.9	142	0	No Failure	
4876	L52055	L	303.7	312.4	1702	31.2	144	0	No Failure	
4877	M19736	M	303.7	312.4	1540	37.4	146	0	No Failure	
4878	M19737	M	303.7	312.4	1546	33.7	149	0	No Failure	
4879	L52058	L	303.7	312.4	1348	51	152	0	No Failure	
4880	H34293	H	303.7	312.5	1520	35.6	154	0	No Failure	
4881	M19740	M	303.8	312.6	1527	41.9	159	0	No Failure	
4882	M19741	M	303.8	312.6	1406	47.1	162	0	No Failure	
4883	L52062	L	303.7	312.5	1462	46.2	165	0	No Failure	
4884	M19743	M	303.8	312.6	1684	29.3	167	0	No Failure	
4885	H34298	H	303.8	312.5	1655	28	170	0	No Failure	
4886	H34299	H	303.8	312.5	1748	25.1	175	0	No Failure	
4887	L52066	L	303.8	312.5	1372	45.7	180	0	No Failure	
4888	L52067	L	303.7	312.5	1481	33.3	182	0	No Failure	
4889	L52068	L	303.7	312.4	1512	39.2	184	0	No Failure	
4890	L52069	L	303.7	312.5	1632	36.6	186	0	No Failure	
4891	L52070	L	303.7	312.4	1525	43.9	188	0	No Failure	
4892	M19751	M	303.7	312.3	1756	26.4	190	0	No Failure	
4893	L52072	L	303.7	312.3	1922	23.1	193	0	No Failure	
4894	M19753	M	303.8	312.5	1448	44.3	195	0	No Failure	
4895	H34308	H	303.8	312.5	1447	46.6	198	0	No Failure	
4896	M19755	M	303.8	312.4	1597	33.4	203	0	No Failure	
4897	M19756	M	303.7	312.4	1642	32.3	206	0	No Failure	
4898	H34311	H	303.8	312.5	1525	38	209	0	No Failure	
4899	H34312	H	303.6	312.4	1460	53.7	214	0	No Failure	
4900	L52079	L	303.6	312.3	2168	17.7	219	0	No Failure	
4901	L52080	L	303.6	312.4	1388	41.9	221	0	No Failure	

4902	M19761	M	303.6	312.3	1630	32.4	223	0	No Failure	
4903	L52082	L	303.6	312.3	1616	29.3	226	0	No Failure	
4904	L52083	L	303.6	312.4	2232	16.8	0	0	No Failure	
4905	H34318	H	303.6	312.4	1480	50.7	2	0	No Failure	
4906	L52085	L	303.6	312.4	1363	53.1	7	0	No Failure	
4907	H34320	H	303.6	312.4	1436	45.6	9	0	No Failure	
4908	M19767	M	303.6	312.5	1607	33.7	14	0	No Failure	
4909	M19768	M	303.6	312.5	1459	48.2	17	0	No Failure	
4910	L52089	L	303.5	312.4	1481	43.7	20	0	No Failure	
4911	M19770	M	303.5	312.4	1606	31.7	22	0	No Failure	
4912	L52091	L	303.5	312.3	1681	29.8	25	0	No Failure	
4913	L52092	L	303.5	312.2	1511	37.1	27	0	No Failure	
4914	M19773	M	303.5	312.3	1593	35.2	29	0	No Failure	
4915	M19774	M	303.5	312.3	1532	41.7	32	0	No Failure	
4916	H34329	H	303.5	312.3	1386	49	35	0	No Failure	
4917	H34330	H	303.4	312.3	1769	27.9	40	0	No Failure	
4918	M19777	M	303.4	312.2	1561	38.2	45	0	No Failure	
4919	L52098	L	303.3	312.2	1457	40.7	48	0	No Failure	
4920	L52099	L	303.3	312.2	1506	40	50	0	No Failure	
4921	L52100	L	303.4	312.2	1337	69.4	52	1	Power Failure	
4922	L52101	L	303.4	312.3	1287	54.8	54	0	No Failure	
4923	M19782	M	303.4	312.2	1615	35.7	56	0	No Failure	
4924	M19783	M	303.4	312.2	1972	23.5	59	0	No Failure	
4925	H34338	H	303.4	312.3	1522	42.1	62	0	No Failure	
4926	L52105	L	303.4	312.3	1680	30.6	67	0	No Failure	
4927	L52106	L	303.4	312.3	1502	36	69	0	No Failure	
4928	M19787	M	303.5	312.3	1543	33.3	71	0	No Failure	
4929	L52108	L	303.5	312.3	1584	35.2	74	0	No Failure	
4930	L52109	L	303.5	312.4	1340	44.5	76	0	No Failure	
4931	L52110	L	303.4	312.3	1663	33.9	78	0	No Failure	
4932	M19791	M	303.3	312.1	1693	30	80	0	No Failure	
4933	L52112	L	303.3	312.1	1418	44.7	83	0	No Failure	
4934	H34347	H	303.4	312.2	1554	36.8	85	0	No Failure	
4935	L52114	L	303.4	312.2	1580	35.8	90	0	No Failure	
4936	L52115	L	303.4	312.3	1479	42.8	92	0	No Failure	
4937	L52116	L	303.5	312.4	1284	70.6	94	1	Power Failure	
4938	L52117	L	303.4	312.3	1540	38.7	96	0	No Failure	
4939	M19798	M	303.5	312.4	1606	30.1	98	0	No Failure	

4940	L52119	L	303.6	312.5	1286	62.4	101	0	No Failure	
4941	L52120	L	303.6	312.6	1502	39.5	103	0	No Failure	
4942	M19801	M	303.6	312.7	1699	31.5	105	0	No Failure	
4943	L52122	L	303.5	312.6	1602	34.2	108	0	No Failure	
4944	H34357	H	303.6	312.6	1436	42	110	0	No Failure	
4945	M19804	M	303.6	312.7	1765	27.5	115	0	No Failure	
4946	L52125	L	303.6	312.7	1418	44.1	118	0	No Failure	
4947	M19806	M	303.7	312.7	1669	31.7	120	0	No Failure	
4948	L52127	L	303.7	312.7	1395	53.9	123	0	No Failure	
4949	M19808	M	303.8	312.7	1500	41.7	125	0	No Failure	
4950	M19809	M	303.8	312.7	1555	33.4	128	0	No Failure	
4951	M19810	M	303.8	312.7	1919	20.2	131	0	No Failure	
4952	L52131	L	303.8	312.7	1596	36.6	134	0	No Failure	
4953	M19812	M	303.8	312.7	1374	53.6	136	0	No Failure	
4954	L52133	L	303.7	312.5	1670	26.1	139	0	No Failure	
4955	L52134	L	303.7	312.6	1702	29.1	141	0	No Failure	
4956	M19815	M	303.8	312.5	1366	45.1	143	0	No Failure	
4957	M19816	M	303.8	312.5	2344	15.2	146	0	No Failure	
4958	M19817	M	303.8	312.6	1768	23.9	149	0	No Failure	
4959	L52138	L	303.8	312.5	1523	47	152	0	No Failure	
4960	L52139	L	303.8	312.6	1735	25.9	154	0	No Failure	
4961	L52140	L	303.9	312.7	1339	62.3	156	0	No Failure	
4962	L52141	L	303.9	312.7	1800	24.3	158	0	No Failure	
4963	M19822	M	304	312.7	1456	51.2	160	0	No Failure	
4964	L52143	L	303.9	312.7	1789	24.4	163	0	No Failure	
4965	L52144	L	303.9	312.7	1602	33.9	165	0	No Failure	
4966	M19825	M	303.8	312.7	1364	49.3	167	0	No Failure	
4967	L52146	L	303.8	312.6	1793	28.1	170	0	No Failure	
4968	L52147	L	303.9	312.6	1426	53.4	172	0	No Failure	
4969	M19828	M	303.9	312.7	1485	43.3	174	0	No Failure	
4970	L52149	L	303.9	312.7	1528	38.4	177	0	No Failure	
4971	L52150	L	303.8	312.6	1565	36	179	0	No Failure	
4972	L52151	L	303.8	312.7	1838	27.8	181	0	No Failure	
4973	H34386	H	303.8	312.6	1811	24.9	183	0	No Failure	
4974	L52153	L	303.8	312.7	1461	38.2	188	0	No Failure	
4975	L52154	L	303.8	312.7	1414	41.7	190	0	No Failure	
4976	L52155	L	303.7	312.7	1426	45.5	192	0	No Failure	
4977	L52156	L	303.7	312.7	1359	56.8	194	1	Overstrain Failure	

4978	L52157	L	303.7	312.7	1540	44.8	196	0	No Failure	
4979	L52158	L	303.6	312.7	1429	47.7	198	0	No Failure	
4980	M19839	M	303.7	312.7	1612	36.3	200	0	No Failure	
4981	M19840	M	303.7	312.8	1685	31.8	203	0	No Failure	
4982	M19841	M	303.7	312.8	1558	37.7	206	0	No Failure	
4983	L52162	L	303.7	313	1811	24.3	209	0	No Failure	
4984	L52163	L	303.8	313.1	1869	25.8	211	0	No Failure	
4985	L52164	L	303.8	313.1	1256	58.7	213	1	Overstrain Failure	
4986	M19845	M	303.8	313	1789	23.5	215	0	No Failure	
4987	L52166	L	303.7	312.9	1502	40.5	0	0	No Failure	
4988	M19847	M	303.7	313	1303	54.4	2	0	No Failure	
4989	L52168	L	303.8	313.1	2497	13	5	1	Power Failure	
4990	L52169	L	303.9	313.2	1499	37.4	7	0	No Failure	
4991	L52170	L	303.9	313.2	1393	46.5	9	0	No Failure	
4992	M19851	M	303.9	313	1475	41	11	0	No Failure	
4993	L52172	L	303.8	312.9	1573	34.6	14	0	No Failure	
4994	L52173	L	303.8	312.9	1819	23.7	16	0	No Failure	
4995	M19854	M	303.5	312.6	1642	29.4	18	0	No Failure	
4996	L52175	L	303.6	312.6	1540	39.8	21	0	No Failure	
4997	M19856	M	303.6	312.8	1400	43.2	23	0	No Failure	
4998	M19857	M	303.6	312.8	2659	11.4	26	1	Power Failure	
4999	M19858	M	303.6	312.8	1825	25.2	29	0	No Failure	
5000	M19859	M	303.7	312.9	1532	41.3	32	0	No Failure	
5001	L52180	L	303.7	312.8	1832	23.6	35	0	No Failure	
5002	M19861	M	303.6	312.7	2174	17.6	37	0	No Failure	
5003	L52182	L	303.7	312.8	1627	31.7	40	0	No Failure	
5004	L52183	L	303.7	312.8	1437	51.3	42	0	No Failure	
5005	L52184	L	303.7	312.8	1364	46.3	44	0	No Failure	
5006	M19865	M	303.7	312.9	1444	52.7	46	0	No Failure	
5007	M19866	M	303.7	312.8	1366	47.3	49	0	No Failure	
5008	L52187	L	303.8	312.9	1442	48.3	52	0	No Failure	
5009	H34422	H	303.7	312.8	1488	42.8	54	0	No Failure	
5010	L52189	L	303.7	312.8	1523	40.7	59	0	No Failure	
5011	L52190	L	303.7	312.8	1543	38.3	61	0	No Failure	
5012	M19871	M	303.7	312.8	1634	33.8	63	0	No Failure	
5013	M19872	M	303.8	312.9	1815	27.8	66	0	No Failure	
5014	M19873	M	303.8	312.9	1594	35.2	69	0	No Failure	
5015	L52194	L	303.8	313	1452	38.6	72	0	No Failure	

5016	L52195	L	303.9	313	1759	28.4	74	0	No Failure	
5017	L52196	L	303.9	313	1408	47.5	76	0	No Failure	
5018	L52197	L	303.9	313	1483	45	78	0	No Failure	
5019	M19878	M	303.9	313	1620	36.6	80	0	No Failure	
5020	M19879	M	304	313.1	1466	39.5	83	0	No Failure	
5021	L52200	L	304.1	313.1	1556	36.3	86	0	No Failure	
5022	L52201	L	304	313	1350	61.1	88	0	No Failure	
5023	L52202	L	304	313.1	1404	47.1	90	0	No Failure	
5024	M19883	M	304	313	1575	34.5	92	0	No Failure	
5025	L52204	L	303.9	313.1	1639	29	95	0	No Failure	
5026	M19885	M	303.9	313.1	1473	42.8	97	0	No Failure	
5027	L52206	L	303.9	313.2	1481	40	100	0	No Failure	
5028	L52207	L	304	313.3	1294	54.6	102	0	No Failure	
5029	M19888	M	303.9	313.2	1630	29.3	104	0	No Failure	
5030	M19889	M	303.9	313.2	1624	39.8	107	0	No Failure	
5031	M19890	M	303.9	313.1	1437	48.3	110	0	No Failure	
5032	M19891	M	303.8	313	1514	45	113	0	No Failure	
5033	M19892	M	304	313.1	1694	31.4	116	0	No Failure	
5034	L52213	L	304	313.1	1564	50.9	119	0	No Failure	
5035	M19894	M	303.9	313.1	1514	41.1	121	0	No Failure	
5036	M19895	M	304	313.2	1500	40.6	124	0	No Failure	
5037	L52216	L	304	313.2	1615	37.8	127	0	No Failure	
5038	M19897	M	304.1	313.2	1586	41.1	129	0	No Failure	
5039	L52218	L	304.1	313.3	1732	28.5	132	0	No Failure	
5040	H34453	H	304.1	313.3	1689	32.5	134	0	No Failure	
5041	H34454	H	304.1	313.2	1586	34.6	139	0	No Failure	
5042	L52221	L	304	313.2	1314	47.1	144	0	No Failure	
5043	L52222	L	304.1	313.2	1569	35.8	146	0	No Failure	
5044	L52223	L	304.1	313.2	1468	39.4	148	0	No Failure	
5045	L52224	L	304.1	313.2	1412	47.5	150	0	No Failure	
5046	M19905	M	304.1	313.2	1510	46.9	152	0	No Failure	
5047	M19906	M	304.1	313.2	1410	42.4	155	0	No Failure	
5048	M19907	M	304.1	313.3	1680	29.3	158	0	No Failure	
5049	H34462	H	304	313.2	1271	68.6	161	1	Power Failure	
5050	H34463	H	304	313.1	1472	45.5	166	0	No Failure	
5051	H34464	H	304	313	1701	30.4	171	0	No Failure	
5052	L52231	L	303.9	313	1480	39.9	176	0	No Failure	
5053	L52232	L	303.9	313	1433	48.4	178	0	No Failure	

5054	L52233	L	303.8	312.9	1514	34.3	180	0	No Failure	
5055	L52234	L	303.8	312.9	1619	35.7	182	0	No Failure	
5056	H34469	H	303.8	312.9	1378	45.6	184	0	No Failure	
5057	M19916	M	303.9	312.9	1430	53.5	189	0	No Failure	
5058	L52237	L	303.8	312.9	1367	49.9	192	0	No Failure	
5059	L52238	L	303.9	312.9	1526	42.5	194	0	No Failure	
5060	L52239	L	303.9	312.8	1419	47.9	196	0	No Failure	
5061	L52240	L	304	312.8	1542	42.7	198	0	No Failure	
5062	L52241	L	304	312.9	1363	62.5	200	1	Overstrain Failure	
5063	L52242	L	304	312.9	1313	53.9	202	0	No Failure	
5064	H34477	H	304	312.9	1495	46.6	0	0	No Failure	
5065	L52244	L	304	313	1407	42.1	5	0	No Failure	
5066	L52245	L	304.1	313	1566	37.2	7	0	No Failure	
5067	L52246	L	304.1	313.1	1550	30.9	9	0	No Failure	
5068	M19927	M	304.2	313.2	1396	50.5	11	0	No Failure	
5069	M19928	M	304.3	313.3	1540	39	14	0	No Failure	
5070	M19929	M	304.2	313.2	1380	48.7	17	0	No Failure	
5071	M19930	M	304.2	313.1	1608	31.1	20	0	No Failure	
5072	H34485	H	304.2	313	1442	40.9	23	0	No Failure	
5073	L52252	L	304.1	313	1408	45.3	28	0	No Failure	
5074	M19933	M	304	313	1454	46.8	30	0	No Failure	
5075	L52254	L	304.1	313.1	1666	34.6	33	0	No Failure	
5076	L52255	L	304.1	313.2	1366	46.6	35	0	No Failure	
5077	L52256	L	304.2	313.2	1464	44.9	37	0	No Failure	
5078	L52257	L	304.3	313.3	1775	24.9	39	0	No Failure	
5079	M19938	M	304.3	313.4	1482	43.8	41	0	No Failure	
5080	M19939	M	304.2	313.4	1411	54.8	44	0	No Failure	
5081	L52260	L	304.2	313.3	1410	51.6	47	0	No Failure	
5082	M19941	M	304.1	313.3	1494	39	49	0	No Failure	
5083	H34496	H	304.1	313.2	1590	43.4	52	0	No Failure	
5084	L52263	L	304.1	313.1	1327	54.1	57	0	No Failure	
5085	L52264	L	304.1	313.1	1969	20.8	59	0	No Failure	
5086	M19945	M	304	313	1377	56	61	0	No Failure	
5087	L52266	L	304	313	1541	45.9	64	0	No Failure	
5088	M19947	M	304	313	1685	28.2	66	0	No Failure	
5089	L52268	L	304	313.1	1465	41	69	0	No Failure	
5090	M19949	M	303.9	313.1	1483	47.2	71	0	No Failure	
5091	M19950	M	303.9	313.2	1570	40.7	74	0	No Failure	

5092	L52271	L	303.9	313.2	1345	48.2	77	0	No Failure	
5093	M19952	M	303.9	313.2	1608	40.6	79	0	No Failure	
5094	M19953	M	304	313.3	1415	52.8	82	0	No Failure	
5095	M19954	M	304.1	313.5	1470	45.8	85	0	No Failure	
5096	M19955	M	304.1	313.5	1428	39.9	88	0	No Failure	
5097	H34510	H	304.2	313.5	1627	32.2	91	0	No Failure	
5098	L52277	L	304.2	313.4	1457	49.4	96	0	No Failure	
5099	L52278	L	304.2	313.4	1475	40.2	98	0	No Failure	
5100	L52279	L	304.2	313.5	1438	50.1	100	0	No Failure	
5101	M19960	M	304.2	313.5	1437	47.2	102	0	No Failure	
5102	M19961	M	304.1	313.4	1518	42.4	105	0	No Failure	
5103	M19962	M	304.1	313.5	1587	33.6	108	0	No Failure	
5104	L52283	L	304.1	313.4	1399	43.7	111	0	No Failure	
5105	L52284	L	304.1	313.5	1469	44.6	113	0	No Failure	
5106	L52285	L	304.1	313.4	1374	56.6	115	0	No Failure	
5107	L52286	L	304	313.3	1519	36.7	117	0	No Failure	
5108	L52287	L	303.9	313.2	1540	44.4	119	0	No Failure	
5109	L52288	L	303.9	313.3	1394	51.6	121	0	No Failure	
5110	M19969	M	304	313.4	1389	45.8	123	0	No Failure	
5111	M19970	M	304	313.5	1732	26.2	126	0	No Failure	
5112	L52291	L	304.1	313.6	1556	37.4	129	0	No Failure	
5113	M19972	M	304.1	313.6	1441	43.7	131	0	No Failure	
5114	L52293	L	304.1	313.6	1382	46.7	134	0	No Failure	
5115	M19974	M	304.2	313.8	1481	44.9	136	0	No Failure	
5116	M19975	M	304.2	313.7	2113	18.4	139	0	No Failure	
5117	L52296	L	304.2	313.8	1401	53.9	142	0	No Failure	
5118	L52297	L	304.1	313.6	1611	31.4	144	0	No Failure	
5119	M19978	M	304.2	313.6	1512	33.4	146	0	No Failure	
5120	L52299	L	304.2	313.6	1411	46	149	0	No Failure	
5121	M19980	M	304.2	313.6	1424	43.7	151	0	No Failure	
5122	L52301	L	304.2	313.6	1469	40	154	0	No Failure	
5123	H34536	H	304.2	313.5	1684	29.8	156	0	No Failure	
5124	M19983	M	304.2	313.5	1532	41.3	161	0	No Failure	
5125	M19984	M	304.2	313.5	1557	37.3	164	0	No Failure	
5126	M19985	M	304.3	313.5	1416	48.1	167	0	No Failure	
5127	L52306	L	304.3	313.5	1802	25.4	170	0	No Failure	
5128	M19987	M	304.3	313.5	2245	15.1	172	0	No Failure	
5129	L52308	L	304.2	313.4	1434	42.5	175	0	No Failure	

5130	M19989	M	304.1	313.3	1725	28.3	177	0	No Failure	
5131	L52310	L	304.2	313.3	1668	35.7	180	0	No Failure	
5132	L52311	L	304.1	313.3	1452	43.9	182	0	No Failure	
5133	L52312	L	304.1	313.3	1415	50	184	0	No Failure	
5134	L52313	L	304.1	313.2	1824	25.8	186	0	No Failure	
5135	L52314	L	304.1	313.3	1438	45.5	188	0	No Failure	
5136	L52315	L	304.1	313.3	1883	24.5	190	0	No Failure	
5137	L52316	L	304.2	313.4	1735	28.9	192	0	No Failure	
5138	L52317	L	304.3	313.5	1464	36.7	194	0	No Failure	
5139	M19998	M	304.3	313.6	1489	40.3	196	0	No Failure	
5140	M19999	M	304.4	313.6	1510	38.9	199	0	No Failure	
5141	M20000	M	304.3	313.6	1585	32.1	202	0	No Failure	
5142	L52321	L	304.4	313.7	1509	35	205	1	Tool Wear Failure	
5143	L52322	L	304.4	313.6	1568	39.1	0	0	No Failure	
5144	M20003	M	304.3	313.5	1525	42	2	0	No Failure	
5145	L52324	L	304.4	313.7	1607	33.5	5	0	No Failure	
5146	L52325	L	304.5	313.7	1670	32.9	7	0	No Failure	
5147	L52326	L	304.4	313.6	1585	38.9	9	0	No Failure	
5148	L52327	L	304.4	313.6	1569	38.4	11	0	No Failure	
5149	L52328	L	304.4	313.6	1507	43.1	13	0	No Failure	
5150	L52329	L	304.3	313.5	1452	41.5	15	0	No Failure	
5151	L52330	L	304.3	313.5	1590	29.8	17	0	No Failure	
5152	L52331	L	304.3	313.6	1409	56	19	0	No Failure	
5153	L52332	L	304.3	313.5	2643	12.7	21	0	No Failure	
5154	L52333	L	304.2	313.4	1644	31.7	23	0	No Failure	
5155	L52334	L	304.2	313.4	1568	37.6	25	0	No Failure	
5156	H34569	H	304.2	313.3	1625	37.3	27	0	No Failure	
5157	L52336	L	304.2	313.4	1482	41.4	32	0	No Failure	
5158	H34571	H	304.1	313.3	1397	49.6	34	0	No Failure	
5159	L52338	L	304.1	313.3	1459	50.3	39	0	No Failure	
5160	L52339	L	304.2	313.4	1490	44	41	0	No Failure	
5161	L52340	L	304.1	313.2	1434	50.1	43	0	No Failure	
5162	M20021	M	304.1	313.2	2028	18.9	45	0	No Failure	
5163	L52342	L	304.2	313.3	1464	45.9	48	0	No Failure	
5164	M20023	M	304.2	313.4	1713	23.5	50	0	No Failure	
5165	M20024	M	304.3	313.4	1624	32.1	53	0	No Failure	
5166	L52345	L	304.2	313.4	1421	43.4	56	0	No Failure	
5167	H34580	H	304.2	313.5	1546	41.4	58	0	No Failure	

5168	L52347	L	304.2	313.4	1639	32.7	63	0	No Failure	
5169	H34582	H	304.1	313.4	1696	29.6	65	0	No Failure	
5170	L52349	L	304.1	313.3	1470	39.9	70	0	No Failure	
5171	M20030	M	304.1	313.3	1480	38.4	72	0	No Failure	
5172	M20031	M	304.2	313.4	1329	54.5	75	0	No Failure	
5173	L52352	L	304.2	313.4	1740	28.2	78	0	No Failure	
5174	M20033	M	304.2	313.5	1739	28.1	80	0	No Failure	
5175	M20034	M	304.2	313.5	1390	47.8	83	0	No Failure	
5176	L52355	L	304.2	313.4	1740	23.7	86	0	No Failure	
5177	M20036	M	304	313.3	1844	27.1	88	0	No Failure	
5178	H34591	H	304	313.1	1388	53.2	91	0	No Failure	
5179	H34592	H	304	313.2	1517	43.1	96	0	No Failure	
5180	M20039	M	304	313.1	1450	42.8	101	0	No Failure	
5181	L52360	L	304	313.2	1584	38.7	104	0	No Failure	
5182	L52361	L	304	313.1	1720	28.7	106	0	No Failure	
5183	L52362	L	303.9	313.1	1586	31.9	108	0	No Failure	
5184	M20043	M	303.9	313	1901	22.5	110	0	No Failure	
5185	L52364	L	304	313	1397	42.4	113	0	No Failure	
5186	L52365	L	304	313	2012	21.1	115	0	No Failure	
5187	L52366	L	304	313	2354	15	117	0	No Failure	
5188	L52367	L	304	313.1	1648	35.7	119	0	No Failure	
5189	L52368	L	304	313.2	1632	30.6	121	0	No Failure	
5190	M20049	M	304.1	313.2	1427	46.9	123	0	No Failure	
5191	L52370	L	304.1	313.2	1452	48	126	0	No Failure	
5192	L52371	L	304	313.2	1416	46	128	0	No Failure	
5193	L52372	L	303.9	313.1	1310	62.9	130	0	No Failure	
5194	H34607	H	304	313.1	1408	39.8	132	0	No Failure	
5195	M20054	M	303.9	313.1	1668	34.4	137	0	No Failure	
5196	L52375	L	303.9	313	1551	36.8	140	0	No Failure	
5197	H34610	H	303.9	313	1517	36	142	0	No Failure	
5198	H34611	H	303.8	312.9	1570	35.8	147	0	No Failure	
5199	L52378	L	303.8	312.8	1428	53.3	152	0	No Failure	
5200	L52379	L	303.8	312.8	1503	40	154	0	No Failure	
5201	L52380	L	303.8	312.8	1416	58.7	156	0	No Failure	
5202	M20061	M	303.7	312.7	1396	47.3	158	0	No Failure	
5203	L52382	L	303.7	312.7	1335	51.1	161	0	No Failure	
5204	M20063	M	303.7	312.6	1671	30.5	163	0	No Failure	
5205	L52384	L	303.7	312.7	1989	22.4	166	0	No Failure	

5206	L52385	L	303.7	312.7	1468	43.3	168	0	No Failure	
5207	H34620	H	303.7	312.6	1711	27.6	170	0	No Failure	
5208	M20067	M	303.8	312.7	1488	41.3	175	0	No Failure	
5209	L52388	L	303.8	312.7	1664	29.3	178	0	No Failure	
5210	M20069	M	303.8	312.7	1507	38.5	180	0	No Failure	
5211	L52390	L	303.7	312.6	1466	42.5	183	0	No Failure	
5212	L52391	L	303.7	312.5	1433	53.6	185	0	No Failure	
5213	L52392	L	303.7	312.5	1397	45.7	187	0	No Failure	
5214	M20073	M	303.7	312.6	1429	43.3	189	0	No Failure	
5215	L52394	L	303.7	312.7	1572	37.2	192	0	No Failure	
5216	M20075	M	303.7	312.7	1532	42.7	194	0	No Failure	
5217	M20076	M	303.7	312.7	1316	51.8	197	0	No Failure	
5218	M20077	M	303.8	312.8	1420	47.9	200	0	No Failure	
5219	L52398	L	303.8	312.9	1589	37.2	203	0	No Failure	
5220	L52399	L	303.8	313	1365	59.9	205	1	Overstrain Failure	
5221	L52400	L	303.8	313	1633	32.9	207	0	No Failure	
5222	L52401	L	303.9	313	1626	31.4	209	0	No Failure	
5223	L52402	L	303.9	313.1	1665	29.6	0	0	No Failure	
5224	M20083	M	303.9	313.2	1350	47.2	2	0	No Failure	
5225	L52404	L	303.9	313.2	1590	31.9	5	0	No Failure	
5226	M20085	M	304	313.2	1437	53.9	7	0	No Failure	
5227	L52406	L	303.9	313	1403	48.3	10	0	No Failure	
5228	L52407	L	303.9	313.1	1440	41.1	12	0	No Failure	
5229	M20088	M	303.9	313.1	1343	61.4	14	0	No Failure	
5230	H34643	H	303.9	313.1	1790	26.7	17	0	No Failure	
5231	M20090	M	303.8	313.1	2117	18.6	22	0	No Failure	
5232	L52411	L	303.8	313.1	1458	42.2	25	0	No Failure	
5233	L52412	L	303.6	312.9	1381	57.8	27	0	No Failure	
5234	L52413	L	303.6	312.9	1450	45.3	29	0	No Failure	
5235	L52414	L	303.7	312.9	1461	50.1	31	0	No Failure	
5236	M20095	M	303.7	312.9	1511	41	33	0	No Failure	
5237	L52416	L	303.8	313.1	1394	45.4	36	0	No Failure	
5238	L52417	L	303.8	313	1499	42.3	38	0	No Failure	
5239	L52418	L	303.7	313	1457	44.1	40	0	No Failure	
5240	L52419	L	303.7	313	1753	29	42	0	No Failure	
5241	L52420	L	303.7	313	1694	28	44	0	No Failure	
5242	L52421	L	303.7	313.1	1683	28.4	46	0	No Failure	
5243	L52422	L	303.7	313.1	1496	47.4	48	0	No Failure	

5244	L52423	L	303.7	313.1	1721	34.8	50	0	No Failure	
5245	L52424	L	303.6	313	1593	31.6	52	0	No Failure	
5246	L52425	L	303.6	313	1575	38.3	54	0	No Failure	
5247	L52426	L	303.5	313	1465	41	56	0	No Failure	
5248	L52427	L	303.6	313.1	1405	38.3	58	0	No Failure	
5249	M20108	M	303.5	313	1902	21.6	60	0	No Failure	
5250	M20109	M	303.4	312.9	1422	39.9	63	0	No Failure	
5251	L52430	L	303.5	312.9	1332	52.9	66	0	No Failure	
5252	M20111	M	303.4	312.9	1307	54.3	68	0	No Failure	
5253	L52432	L	303.5	313	1322	59.5	71	0	No Failure	
5254	L52433	L	303.5	313	1547	40.3	73	0	No Failure	
5255	L52434	L	303.5	313.1	1897	23.6	75	0	No Failure	
5256	M20115	M	303.5	313	1403	51.9	77	0	No Failure	
5257	L52436	L	303.5	313	1393	51.6	80	0	No Failure	
5258	L52437	L	303.5	313	1482	38.5	82	0	No Failure	
5259	M20118	M	303.5	312.9	1572	44.7	84	0	No Failure	
5260	L52439	L	303.5	312.9	1544	36.9	87	0	No Failure	
5261	M20120	M	303.5	313	1492	46.1	89	0	No Failure	
5262	L52441	L	303.4	312.8	1513	35.8	92	0	No Failure	
5263	L52442	L	303.4	312.8	1449	43.9	94	0	No Failure	
5264	L52443	L	303.5	312.8	1877	22.3	96	0	No Failure	
5265	L52444	L	303.4	312.8	1376	53.4	98	0	No Failure	
5266	M20125	M	303.5	312.9	1883	23.3	100	0	No Failure	
5267	M20126	M	303.4	312.8	1518	38.7	103	0	No Failure	
5268	M20127	M	303.5	312.9	1438	42.8	106	0	No Failure	
5269	L52448	L	303.4	312.9	1389	54.1	109	0	No Failure	
5270	L52449	L	303.5	312.9	1504	44.8	111	0	No Failure	
5271	L52450	L	303.5	312.9	1275	64.4	113	0	No Failure	
5272	L52451	L	303.6	313	1534	39.7	115	0	No Failure	
5273	M20132	M	303.6	313	1396	38.2	117	0	No Failure	
5274	L52453	L	303.6	313.1	1395	44.1	120	0	No Failure	
5275	L52454	L	303.6	313	1617	30.9	122	0	No Failure	
5276	L52455	L	303.7	313.1	1423	41.2	124	0	No Failure	
5277	L52456	L	303.5	313	1606	34	126	0	No Failure	
5278	L52457	L	303.5	312.9	1501	44	128	0	No Failure	
5279	M20138	M	303.5	312.9	1618	30.4	130	0	No Failure	
5280	L52459	L	303.6	313	1522	35.8	133	0	No Failure	
5281	L52460	L	303.6	312.9	1480	41.4	135	0	No Failure	

5282	M20141	M	303.7	313	1469	39.9	137	0	No Failure	
5283	H34696	H	303.8	313.2	1381	52.4	140	0	No Failure	
5284	L52463	L	303.8	313.2	1525	41.9	145	0	No Failure	
5285	M20144	M	303.8	313.2	1732	29.6	147	0	No Failure	
5286	L52465	L	303.8	313.1	1523	39.8	150	0	No Failure	
5287	L52466	L	303.8	313.1	1422	42.4	152	0	No Failure	
5288	H34701	H	303.8	313.2	1506	46.9	154	0	No Failure	
5289	L52468	L	303.8	313.2	1531	39.4	159	0	No Failure	
5290	M20149	M	303.9	313.3	1507	34.3	161	0	No Failure	
5291	L52470	L	303.9	313.3	1526	40.7	164	0	No Failure	
5292	L52471	L	303.8	313.3	1406	52.1	166	0	No Failure	
5293	M20152	M	303.9	313.3	1567	35	168	0	No Failure	
5294	M20153	M	303.9	313.4	1464	49.1	171	0	No Failure	
5295	L52474	L	303.9	313.4	1442	48.5	174	0	No Failure	
5296	L52475	L	303.8	313.2	1336	47.8	176	0	No Failure	
5297	H34710	H	303.8	313.2	1379	50.2	178	0	No Failure	
5298	L52477	L	303.7	313.1	1406	48.6	183	0	No Failure	
5299	M20158	M	303.7	313.1	2130	18.1	185	0	No Failure	
5300	L52479	L	303.7	313.1	1355	49.1	188	0	No Failure	
5301	M20160	M	303.8	313.2	1710	26.5	190	0	No Failure	
5302	L52481	L	303.8	313.1	1309	55.8	193	0	No Failure	
5303	L52482	L	303.9	313.1	1491	37.2	195	0	No Failure	
5304	L52483	L	303.9	313.2	1481	44.1	197	0	No Failure	
5305	L52484	L	303.9	313.1	1425	49.3	199	0	No Failure	
5306	H34719	H	303.9	313.2	1680	29.1	201	0	No Failure	
5307	H34720	H	304	313.2	1612	31.7	206	0	No Failure	
5308	L52487	L	304	313.3	1530	34.8	211	0	No Failure	
5309	L52488	L	304	313.2	1481	42.6	213	0	No Failure	
5310	M20169	M	303.9	313.2	1422	48	215	1	Tool Wear Failure	
5311	L52490	L	303.8	313	1427	43	0	0	No Failure	
5312	H34725	H	303.7	312.9	1460	49.8	2	0	No Failure	
5313	L52492	L	303.6	312.9	1873	23.5	7	0	No Failure	
5314	M20173	M	303.7	312.9	1566	32.6	9	0	No Failure	
5315	L52494	L	303.6	312.8	1701	30.8	12	0	No Failure	
5316	L52495	L	303.6	312.8	1710	27.2	14	0	No Failure	
5317	M20176	M	303.6	312.8	1689	33.1	16	0	No Failure	
5318	L52497	L	303.6	312.7	1637	32.9	19	0	No Failure	
5319	L52498	L	303.5	312.6	1496	39	21	0	No Failure	

5320	M20179	M	303.5	312.7	1402	47	23	0	No Failure	
5321	L52500	L	303.4	312.7	1363	45.5	26	0	No Failure	
5322	M20181	M	303.4	312.7	1576	49.9	28	0	No Failure	
5323	M20182	M	303.4	312.7	1357	55.3	31	0	No Failure	
5324	M20183	M	303.4	312.7	1399	48.4	34	0	No Failure	
5325	M20184	M	303.4	312.8	1526	30.8	37	0	No Failure	
5326	L52505	L	303.5	312.7	1694	27.3	40	0	No Failure	
5327	M20186	M	303.5	312.7	1420	49.1	42	0	No Failure	
5328	M20187	M	303.5	312.7	2116	16.7	45	0	No Failure	
5329	M20188	M	303.7	312.9	1406	41.9	48	0	No Failure	
5330	L52509	L	303.7	313	1456	45.5	51	0	No Failure	
5331	L52510	L	303.6	312.9	1588	31.9	53	0	No Failure	
5332	L52511	L	303.7	312.8	1448	44.5	55	0	No Failure	
5333	H34746	H	303.6	312.7	1403	46.2	57	0	No Failure	
5334	M20193	M	303.5	312.6	1405	51.6	62	0	No Failure	
5335	M20194	M	303.4	312.6	2706	9.8	65	1	Power Failure	
5336	M20195	M	303.3	312.4	1505	38.9	68	0	No Failure	
5337	L52516	L	303.2	312.4	1663	33.7	71	0	No Failure	
5338	M20197	M	303.3	312.6	1482	44.4	73	0	No Failure	
5339	M20198	M	303.3	312.5	1674	32.7	76	0	No Failure	
5340	M20199	M	303.4	312.7	1594	32.8	79	0	No Failure	
5341	L52520	L	303.5	312.7	1393	49.3	82	0	No Failure	
5342	H34755	H	303.5	312.8	1404	55.8	84	0	No Failure	
5343	M20202	M	303.5	312.8	1375	45.7	89	0	No Failure	
5344	L52523	L	303.5	312.8	1607	38.4	92	0	No Failure	
5345	L52524	L	303.4	312.8	1360	50.8	94	0	No Failure	
5346	L52525	L	303.5	312.8	1524	39.4	96	0	No Failure	
5347	L52526	L	303.4	312.7	1534	35.5	98	0	No Failure	
5348	L52527	L	303.3	312.7	1262	63.8	100	0	No Failure	
5349	L52528	L	303.3	312.6	1623	34.6	102	0	No Failure	
5350	M20209	M	303.3	312.7	1642	33.6	104	0	No Failure	
5351	M20210	M	303.4	312.8	1622	35.1	107	0	No Failure	
5352	M20211	M	303.5	312.9	1530	34.5	110	0	No Failure	
5353	M20212	M	303.4	312.8	1590	36.3	113	0	No Failure	
5354	L52533	L	303.4	312.7	1589	34	116	0	No Failure	
5355	L52534	L	303.4	312.6	1462	37.5	118	0	No Failure	
5356	H34769	H	303.3	312.5	1328	49.8	120	0	No Failure	
5357	H34770	H	303.3	312.6	1692	29	125	0	No Failure	

5358	L52537	L	303.3	312.5	1968	20.6	130	0	No Failure	
5359	H34772	H	303.3	312.6	1827	24.2	132	0	No Failure	
5360	M20219	M	303.3	312.6	1397	47.1	137	0	No Failure	
5361	L52540	L	303.3	312.6	1463	44	140	0	No Failure	
5362	L52541	L	303.3	312.7	1643	30.7	142	0	No Failure	
5363	L52542	L	303.2	312.6	1281	57	144	0	No Failure	
5364	L52543	L	303.2	312.5	1518	39.9	146	0	No Failure	
5365	L52544	L	303.2	312.6	1601	35.3	148	0	No Failure	
5366	L52545	L	303.1	312.6	1548	36.4	150	0	No Failure	
5367	H34780	H	303.1	312.6	1404	40.6	152	0	No Failure	
5368	M20227	M	303.1	312.5	1766	26.7	157	0	No Failure	
5369	M20228	M	303.1	312.5	1667	30	160	0	No Failure	
5370	H34783	H	303	312.5	1507	37.9	163	0	No Failure	
5371	H34784	H	303	312.4	1627	37.1	168	0	No Failure	
5372	L52551	L	302.9	312.3	1435	47.7	173	0	No Failure	
5373	H34786	H	302.9	312.3	1509	46.8	175	0	No Failure	
5374	M20233	M	302.9	312.3	1809	25	180	0	No Failure	
5375	L52554	L	302.9	312.3	1515	40.8	183	0	No Failure	
5376	L52555	L	302.9	312.3	1530	34.9	185	0	No Failure	
5377	H34790	H	302.8	312.3	1336	57.5	187	0	No Failure	
5378	L52557	L	302.9	312.4	2030	19.1	192	0	No Failure	
5379	L52558	L	302.9	312.4	1550	36.9	194	0	No Failure	
5380	L52559	L	302.9	312.4	1446	41.7	196	0	No Failure	
5381	L52560	L	302.8	312.3	1494	37.5	198	0	No Failure	
5382	L52561	L	302.8	312.4	1651	27	200	0	No Failure	
5383	L52562	L	302.9	312.4	1698	33.8	202	0	No Failure	
5384	L52563	L	302.8	312.3	1504	40.3	204	0	No Failure	
5385	M20244	M	302.9	312.4	1421	46	206	0	No Failure	
5386	H34799	H	302.9	312.3	1754	26.9	209	0	No Failure	
5387	L52566	L	302.9	312.2	1469	42	214	0	No Failure	
5388	L52567	L	302.8	312.2	1433	50	216	0	No Failure	
5389	M20248	M	302.8	312.3	1432	49	218	0	No Failure	
5390	L52569	L	302.8	312.3	1366	49.1	221	0	No Failure	
5391	H34804	H	302.8	312.3	1483	47.2	223	0	No Failure	
5392	L52571	L	302.7	312.2	1572	34.4	228	0	No Failure	
5393	L52572	L	302.8	312.2	1481	40.2	230	0	No Failure	
5394	L52573	L	302.8	312.3	1473	42.6	232	0	No Failure	
5395	M20254	M	302.8	312.3	1262	70.5	234	1	Power Failure	

5396	L52575	L	302.8	312.4	1529	36.8	237	0	No Failure	
5397	L52576	L	302.8	312.4	1523	39.7	239	0	No Failure	
5398	M20257	M	302.8	312.3	1416	42.7	241	0	No Failure	
5399	L52578	L	302.9	312.4	1923	23.9	244	0	No Failure	
5400	H34813	H	302.8	312.4	1411	53.8	246	1	Overstrain Failure	
5401	L52580	L	302.7	312.4	1477	46.3	251	1	Overstrain Failure	
5402	M20261	M	302.6	312.3	1454	54.8	253	1	Tool Wear Failure	
5403	L52582	L	302.7	312.3	1421	48.5	0	0	No Failure	
5404	L52583	L	302.7	312.3	1858	25.4	2	0	No Failure	
5405	H34818	H	302.8	312.5	1422	46.1	4	0	No Failure	
5406	L52585	L	302.7	312.4	1444	48.7	9	0	No Failure	
5407	L52586	L	302.7	312.4	1360	47.8	11	0	No Failure	
5408	L52587	L	302.7	312.4	1954	24.8	13	0	No Failure	
5409	L52588	L	302.6	312.4	1628	33	15	0	No Failure	
5410	L52589	L	302.7	312.4	1433	44.2	17	0	No Failure	
5411	M20270	M	302.7	312.5	1417	51.5	19	0	No Failure	
5412	L52591	L	302.8	312.6	1462	39.4	22	0	No Failure	
5413	L52592	L	302.9	312.6	1328	59.9	24	0	No Failure	
5414	H34827	H	302.7	312.5	1527	36.4	26	0	No Failure	
5415	L52594	L	302.6	312.3	1534	34.3	31	0	No Failure	
5416	M20275	M	302.6	312.4	1410	50.3	33	0	No Failure	
5417	L52596	L	302.6	312.3	1660	30.3	36	0	No Failure	
5418	L52597	L	302.6	312.4	1386	45.8	38	0	No Failure	
5419	L52598	L	302.6	312.4	1398	41.6	40	0	No Failure	
5420	L52599	L	302.6	312.3	1321	53.4	42	0	No Failure	
5421	L52600	L	302.6	312.3	1512	34.2	44	0	No Failure	
5422	M20281	M	302.6	312.3	1566	36.6	46	0	No Failure	
5423	M20282	M	302.7	312.4	1422	44.5	49	0	No Failure	
5424	L52603	L	302.6	312.3	1647	31.8	52	0	No Failure	
5425	L52604	L	302.6	312.2	1377	45.5	54	0	No Failure	
5426	L52605	L	302.5	312.2	1775	27.9	56	0	No Failure	
5427	L52606	L	302.6	312.3	1554	42	58	0	No Failure	
5428	L52607	L	302.7	312.4	1423	51.9	60	0	No Failure	
5429	L52608	L	302.7	312.4	1453	47.3	62	0	No Failure	
5430	L52609	L	302.8	312.4	1590	34.4	64	0	No Failure	
5431	L52610	L	302.8	312.5	1694	28.4	66	0	No Failure	
5432	L52611	L	302.8	312.5	1462	43.4	68	0	No Failure	
5433	L52612	L	302.8	312.4	1392	46.2	70	0	No Failure	

5434	L52613	L	302.9	312.5	1550	45.5	72	0	No Failure	
5435	L52614	L	302.9	312.5	1629	30.4	74	0	No Failure	
5436	M20295	M	303	312.5	1524	42.1	76	0	No Failure	
5437	M20296	M	302.9	312.5	1679	30.9	79	0	No Failure	
5438	M20297	M	302.9	312.6	1394	46.4	82	0	No Failure	
5439	L52618	L	302.9	312.5	1683	32.1	85	0	No Failure	
5440	L52619	L	303	312.5	1626	30.5	87	0	No Failure	
5441	H34854	H	303	312.5	1698	30	89	0	No Failure	
5442	M20301	M	303	312.6	1392	42.9	94	0	No Failure	
5443	L52622	L	303.1	312.7	1353	51.8	97	0	No Failure	
5444	M20303	M	303	312.7	1426	46.8	99	0	No Failure	
5445	L52624	L	303	312.7	2024	19.9	102	0	No Failure	
5446	M20305	M	303	312.8	1648	32.1	104	0	No Failure	
5447	L52626	L	303.1	312.9	1511	40.1	107	0	No Failure	
5448	L52627	L	303.1	312.8	1465	44.1	109	0	No Failure	
5449	L52628	L	303	312.7	1551	41.8	111	0	No Failure	
5450	L52629	L	303.1	312.8	2329	15.1	113	0	No Failure	
5451	H34864	H	303.1	312.8	1435	41.9	115	0	No Failure	
5452	L52631	L	303	312.7	1361	48.8	120	0	No Failure	
5453	M20312	M	303	312.7	1553	35.8	122	0	No Failure	
5454	L52633	L	303	312.6	1451	42.1	125	0	No Failure	
5455	L52634	L	303	312.5	1461	40.2	127	0	No Failure	
5456	M20315	M	303.1	312.6	1895	23.5	129	0	No Failure	
5457	M20316	M	303.1	312.6	1567	32.9	132	0	No Failure	
5458	M20317	M	303	312.5	1602	33.7	135	0	No Failure	
5459	L52638	L	303.1	312.6	1514	42.1	138	0	No Failure	
5460	L52639	L	303.1	312.5	1453	49.1	140	0	No Failure	
5461	M20320	M	303	312.4	1526	36.1	142	0	No Failure	
5462	M20321	M	302.9	312.3	1339	52.1	145	0	No Failure	
5463	L52642	L	302.9	312.3	1889	22.8	148	0	No Failure	
5464	L52643	L	302.9	312.4	1561	34.8	150	0	No Failure	
5465	M20324	M	302.9	312.4	1659	33.1	152	0	No Failure	
5466	L52645	L	302.9	312.4	1424	49.5	155	0	No Failure	
5467	M20326	M	302.9	312.3	1426	44.7	157	0	No Failure	
5468	L52647	L	302.9	312.4	1383	51.4	160	0	No Failure	
5469	L52648	L	302.8	312.3	1764	29.9	162	0	No Failure	
5470	M20329	M	302.7	312.2	1439	42.5	164	0	No Failure	
5471	M20330	M	302.7	312.2	1585	35.5	167	0	No Failure	

5472	L52651	L	302.7	312.3	1346	61.2	170	0	Random Failures
5473	L52652	L	302.8	312.3	1386	57.8	172	0	No Failure
5474	L52653	L	302.7	312.2	1369	51.8	174	0	No Failure
5475	M20334	M	302.7	312.1	1378	46.9	176	0	No Failure
5476	L52655	L	302.7	312.2	1336	46.8	179	0	No Failure
5477	M20336	M	302.6	312.1	1445	42	181	0	No Failure
5478	L52657	L	302.7	312.1	1763	26.5	184	0	No Failure
5479	L52658	L	302.7	312.2	1611	34.1	186	0	No Failure
5480	M20339	M	302.7	312.1	1564	32.1	188	0	No Failure
5481	H34894	H	302.7	312.1	1478	36	191	0	No Failure
5482	L52661	L	302.6	312	1781	28.5	196	0	No Failure
5483	L52662	L	302.6	312.1	1782	26.8	198	0	No Failure
5484	M20343	M	302.6	312.1	2000	21.9	200	0	No Failure
5485	M20344	M	302.5	312	1826	25.3	203	0	No Failure
5486	L52665	L	302.6	312.1	1344	51	206	0	No Failure
5487	L52666	L	302.6	312.2	1520	43	208	0	No Failure
5488	M20347	M	302.6	312.1	1611	39.9	210	0	No Failure
5489	L52668	L	302.7	312.2	1450	52.1	213	1	Overstrain Failure
5490	L52669	L	302.6	312.1	1499	35	215	0	Random Failures
5491	L52670	L	302.6	312.1	1288	68.5	0	1	Power Failure
5492	M20351	M	302.7	312.2	1350	58.6	2	0	No Failure
5493	M20352	M	302.9	312.4	1334	50.9	5	0	No Failure
5494	L52673	L	302.8	312.4	1376	57.1	8	0	No Failure
5495	L52674	L	302.8	312.4	1368	49.5	10	0	No Failure
5496	H34909	H	302.9	312.5	1357	55	12	0	Random Failures
5497	M20356	M	302.9	312.5	1924	24	17	0	No Failure
5498	M20357	M	302.9	312.5	1551	40	20	0	No Failure
5499	M20358	M	302.9	312.5	1903	21.2	23	0	No Failure
5500	H34913	H	302.9	312.3	1417	48.7	26	0	No Failure
5501	L52680	L	302.7	312.1	1601	35.2	31	0	No Failure
5502	L52681	L	302.7	312.1	1543	37.5	33	0	No Failure
5503	L52682	L	302.6	312.1	1439	52.3	35	0	No Failure
5504	H34917	H	302.6	312	1657	29.3	37	0	No Failure
5505	L52684	L	302.8	312.2	1458	51	42	0	No Failure
5506	L52685	L	302.8	312.2	1746	27.4	44	0	No Failure
5507	L52686	L	302.9	312.2	1677	30.5	46	0	No Failure
5508	L52687	L	302.8	312.1	1520	39.9	48	0	No Failure
5509	L52688	L	302.9	312.2	1367	55.1	50	0	No Failure

5510	L52689	L	302.8	312.2	1509	36.5	52	0	Random Failures	
5511	L52690	L	302.8	312.1	1418	51.4	54	0	No Failure	
5512	L52691	L	302.8	312.1	1958	20.3	56	0	No Failure	
5513	L52692	L	302.8	312.2	1682	30.9	58	0	No Failure	
5514	M20373	M	302.8	312.2	1452	50.3	60	0	No Failure	
5515	L52694	L	302.7	312	1828	24	63	0	No Failure	
5516	H34929	H	302.7	312	1484	41.5	65	0	No Failure	
5517	L52696	L	302.6	312	1674	32.2	70	0	No Failure	
5518	L52697	L	302.6	311.9	1448	49.5	72	0	No Failure	
5519	M20378	M	302.5	311.8	2023	19.1	74	0	No Failure	
5520	L52699	L	302.5	311.9	1452	47.4	77	0	No Failure	
5521	M20380	M	302.6	312	1496	45	79	0	No Failure	
5522	L52701	L	302.6	311.9	1397	46.9	82	0	No Failure	
5523	L52702	L	302.6	311.9	1453	39.1	84	0	No Failure	
5524	M20383	M	302.5	311.9	1524	34.8	86	0	No Failure	
5525	L52704	L	302.6	311.9	1633	30.9	89	0	No Failure	
5526	M20385	M	302.6	312	1363	45.7	91	0	No Failure	
5527	L52706	L	302.5	311.9	1520	44.9	94	0	No Failure	
5528	M20387	M	302.5	311.9	1532	38.8	96	0	No Failure	
5529	L52708	L	302.4	311.8	1384	50.9	99	0	No Failure	
5530	M20389	M	302.4	311.8	1539	39.9	101	0	No Failure	
5531	M20390	M	302.3	311.8	1355	50.1	104	0	No Failure	
5532	M20391	M	302.3	311.7	1504	37.3	107	0	No Failure	
5533	L52712	L	302.4	311.8	1476	46.6	110	0	No Failure	
5534	L52713	L	302.4	311.7	1721	26.9	112	0	No Failure	
5535	M20394	M	302.3	311.7	1494	37.1	114	0	No Failure	
5536	L52715	L	302.3	311.7	1465	43.5	117	0	No Failure	
5537	M20396	M	302.3	311.8	1363	54	119	1	No Failure	
5538	L52717	L	302.4	311.8	1648	30	122	0	No Failure	
5539	M20398	M	302.3	311.8	1879	23	124	0	No Failure	
5540	H34953	H	302.3	311.7	1482	39	127	0	No Failure	
5541	L52720	L	302.4	311.8	1493	38.4	132	0	No Failure	
5542	L52721	L	302.4	311.8	1433	42.2	134	0	No Failure	
5543	L52722	L	302.3	311.7	1400	41.6	136	0	No Failure	
5544	L52723	L	302.4	311.8	1255	59	138	0	No Failure	
5545	L52724	L	302.2	311.7	1471	45.6	140	0	No Failure	
5546	H34959	H	302.2	311.6	1357	44.2	142	0	No Failure	
5547	L52726	L	302.3	311.7	1453	41.2	147	0	No Failure	

5548	M20407	M	302.3	311.7	1540	28.9	149	0	No Failure	
5549	L52728	L	302.3	311.8	1605	35.2	152	0	No Failure	
5550	H34963	H	302.3	311.9	1374	52.4	154	0	No Failure	
5551	M20410	M	302.3	311.9	1508	42.3	159	0	No Failure	
5552	H34965	H	302.4	311.9	1366	47.3	162	0	No Failure	
5553	H34966	H	302.5	312	1579	35.7	167	0	No Failure	
5554	L52733	L	302.5	311.9	1306	59.7	172	0	Random Failures	
5555	M20414	M	302.5	312	1521	40.2	174	0	No Failure	
5556	L52735	L	302.5	312	1411	44.2	177	0	No Failure	
5557	H34970	H	302.5	312	1357	42	179	0	No Failure	
5558	M20417	M	302.5	312	1436	43.5	184	0	No Failure	
5559	L52738	L	302.5	311.9	1553	40.1	187	0	No Failure	
5560	M20419	M	302.5	312	1451	43.2	189	0	No Failure	
5561	L52740	L	302.4	311.9	1541	37.9	192	0	No Failure	
5562	M20421	M	302.3	311.7	1341	46.3	194	0	No Failure	
5563	L52742	L	302.3	311.7	1648	32.1	197	0	No Failure	
5564	M20423	M	302.3	311.7	1640	31.5	199	0	No Failure	
5565	L52744	L	302.4	311.8	1416	46.1	202	0	No Failure	
5566	L52745	L	302.4	311.9	1671	29.9	204	0	No Failure	
5567	L52746	L	302.4	312	1457	45.5	206	0	No Failure	
5568	M20427	M	302.5	312	1445	54.8	0	0	No Failure	
5569	L52748	L	302.5	312.1	1534	38.6	3	0	No Failure	
5570	L52749	L	302.4	312	1508	36.9	5	0	No Failure	
5571	M20430	M	302.4	312.1	1492	47.7	7	0	No Failure	
5572	L52751	L	302.4	312	1562	37.9	10	0	No Failure	
5573	L52752	L	302.4	312	1545	36.4	12	0	No Failure	
5574	L52753	L	302.5	312.2	1738	25.3	14	0	No Failure	
5575	L52754	L	302.4	312	1305	49.1	16	0	No Failure	
5576	H34989	H	302.4	312	1477	39.7	18	0	No Failure	
5577	H34990	H	302.4	312	1457	43.4	23	0	No Failure	
5578	L52757	L	302.4	312.1	1455	40.4	28	0	No Failure	
5579	L52758	L	302.5	312.2	1574	38.7	30	0	No Failure	
5580	L52759	L	302.6	312.2	1695	27.1	32	0	No Failure	
5581	M20440	M	302.6	312.2	1458	38.8	34	0	No Failure	
5582	M20441	M	302.5	312.1	1454	47.6	37	0	No Failure	
5583	L52762	L	302.5	312	2052	18.9	40	0	No Failure	
5584	L52763	L	302.5	312	1673	29.9	42	0	No Failure	
5585	L52764	L	302.4	311.9	1578	29.9	44	0	No Failure	

5586	M20445	M	302.5	312	1642	29.1	46	0	No Failure	
5587	M20446	M	302.4	311.8	1557	31.5	49	0	No Failure	
5588	L52767	L	302.5	311.9	1481	42.9	52	0	No Failure	
5589	M20448	M	302.5	311.8	1566	37.6	54	0	No Failure	
5590	M20449	M	302.5	311.9	1298	57.5	57	0	No Failure	
5591	M20450	M	302.5	311.9	1340	59.4	60	0	No Failure	
5592	L52771	L	302.5	312	1574	33.8	63	0	No Failure	
5593	L52772	L	302.5	311.9	1437	46.7	65	0	No Failure	
5594	L52773	L	302.6	311.9	1354	48	67	0	No Failure	
5595	L52774	L	302.6	311.9	1598	35.5	69	0	No Failure	
5596	M20455	M	302.7	312	1944	21.4	71	0	No Failure	
5597	M20456	M	302.7	312	1538	36.7	74	0	No Failure	
5598	L52777	L	302.7	312	1501	37	77	0	No Failure	
5599	L52778	L	302.8	312.1	1441	52.1	79	0	No Failure	
5600	M20459	M	302.7	312	1652	31	81	0	No Failure	
5601	L52780	L	302.8	312.1	1487	36.6	84	0	No Failure	
5602	L52781	L	302.9	312.2	1605	33.9	86	0	No Failure	
5603	L52782	L	302.9	312.1	1334	54.7	88	0	No Failure	
5604	L52783	L	302.9	312.2	1340	57.8	90	0	No Failure	
5605	L52784	L	302.9	312.2	1513	37.8	92	0	No Failure	
5606	L52785	L	302.9	312.2	1510	41.4	94	0	No Failure	
5607	L52786	L	302.9	312.2	1729	23.6	96	0	No Failure	
5608	M20467	M	302.9	312.2	1745	25.5	98	0	No Failure	
5609	M20468	M	303.1	312.3	1623	31.6	101	0	No Failure	
5610	M20469	M	303.1	312.4	1378	50.1	104	0	No Failure	
5611	L52790	L	303.1	312.4	1407	41.2	107	0	No Failure	
5612	M20471	M	303	312.3	1674	29.5	109	0	No Failure	
5613	L52792	L	303	312.3	1486	42.4	112	0	No Failure	
5614	M20473	M	303	312.3	1483	38.8	114	0	No Failure	
5615	H35028	H	303	312.2	1624	28.8	117	0	No Failure	
5616	M20475	M	303	312.2	1257	71.3	122	1	Power Failure	
5617	L52796	L	303	312.3	1480	41.4	125	0	No Failure	
5618	L52797	L	303.1	312.4	1404	61.5	127	1	Power Failure	
5619	M20478	M	303	312.4	1645	29.6	129	0	No Failure	
5620	L52799	L	303	312.3	1932	21.9	132	0	No Failure	
5621	L52800	L	303	312.3	1533	38.5	134	0	No Failure	
5622	M20481	M	302.9	312.2	1292	54.4	136	0	No Failure	
5623	L52802	L	302.9	312.2	1571	40.6	139	0	No Failure	

5624	L52803	L	302.9	312.3	1578	36.3	141	0	No Failure	
5625	M20484	M	302.8	312.2	1469	36.9	143	0	No Failure	
5626	L52805	L	302.7	312.1	1728	24.4	146	0	No Failure	
5627	H35040	H	302.7	312.1	1603	32.5	148	0	No Failure	
5628	L52807	L	302.7	312.1	1597	39.8	153	0	No Failure	
5629	L52808	L	302.7	312.1	1688	32	155	0	No Failure	
5630	L52809	L	302.7	312.2	1405	51.4	157	0	No Failure	
5631	M20490	M	302.8	312.2	1615	32.9	159	0	No Failure	
5632	L52811	L	302.8	312.2	1515	36.8	162	0	No Failure	
5633	L52812	L	302.7	312.2	1376	52.8	164	0	No Failure	
5634	L52813	L	302.7	312.2	1447	47.5	166	0	No Failure	
5635	M20494	M	302.6	312.2	1353	56.5	168	0	No Failure	
5636	L52815	L	302.6	312.1	1502	47.3	171	0	No Failure	
5637	L52816	L	302.6	312	1447	45.5	173	0	No Failure	
5638	M20497	M	302.5	312	1487	46.1	175	0	No Failure	
5639	L52818	L	302.6	312.1	1519	38.1	178	0	No Failure	
5640	L52819	L	302.6	312.1	1668	28.7	180	0	Random Failures	
5641	L52820	L	302.6	312.1	1420	51.6	182	0	No Failure	
5642	L52821	L	302.6	312.1	1473	37.3	184	0	No Failure	
5643	L52822	L	302.5	312	1495	38.8	186	0	No Failure	
5644	L52823	L	302.5	312	1574	42	188	0	No Failure	
5645	L52824	L	302.5	312	1383	51.3	190	0	No Failure	
5646	M20505	M	302.5	312	1591	29.4	192	0	No Failure	
5647	M20506	M	302.4	311.8	1644	37.2	195	0	No Failure	
5648	H35061	H	302.5	311.8	2370	14.7	198	0	No Failure	
5649	L52828	L	302.5	311.9	1401	44.9	203	0	No Failure	
5650	M20509	M	302.5	311.9	1414	51.6	205	0	No Failure	
5651	L52830	L	302.5	312	1456	46.3	208	0	No Failure	
5652	M20511	M	302.5	312	1447	45.7	210	0	No Failure	
5653	L52832	L	302.4	311.8	1727	26.5	213	0	No Failure	
5654	L52833	L	302.4	311.7	1495	36.8	215	0	No Failure	
5655	L52834	L	302.3	311.6	1544	34.3	0	0	No Failure	
5656	L52835	L	302.3	311.5	1387	47.3	2	0	No Failure	
5657	M20516	M	302.3	311.5	1316	47.2	4	0	No Failure	
5658	L52837	L	302.3	311.5	1794	26.1	7	0	No Failure	
5659	M20518	M	302.2	311.4	1372	55.1	9	0	No Failure	
5660	M20519	M	302.3	311.5	1674	30	12	0	No Failure	
5661	L52840	L	302.2	311.4	1477	41.7	15	0	No Failure	

5662	L52841	L	302.2	311.4	1397	53	17	0	No Failure	
5663	L52842	L	302.2	311.5	1616	34	19	0	No Failure	
5664	M20523	M	302.3	311.5	1530	42.3	21	0	No Failure	
5665	M20524	M	302.2	311.4	1539	35.1	24	0	No Failure	
5666	L52845	L	302.3	311.4	1845	21.9	27	0	No Failure	
5667	L52846	L	302.2	311.4	1430	43.1	29	0	No Failure	
5668	L52847	L	302.2	311.4	2080	19.2	31	0	No Failure	
5669	M20528	M	302.2	311.4	1432	45.3	33	0	No Failure	
5670	M20529	M	302.2	311.5	1479	39.5	36	0	No Failure	
5671	L52850	L	302.2	311.5	1424	45.2	39	0	No Failure	
5672	H35085	H	302.2	311.6	1534	37.2	41	0	No Failure	
5673	H35086	H	302.1	311.6	1701	26.2	46	0	No Failure	
5674	L52853	L	302.2	311.6	1462	50	51	0	No Failure	
5675	M20534	M	302.2	311.7	1393	42.5	53	0	No Failure	
5676	M20535	M	302.3	311.7	1453	42.5	56	0	No Failure	
5677	L52856	L	302.3	311.8	1565	37.8	59	0	No Failure	
5678	L52857	L	302.3	311.8	1281	51.7	61	0	No Failure	
5679	M20538	M	302.2	311.7	1584	36.2	63	0	No Failure	
5680	M20539	M	302.2	311.7	1466	49	66	0	No Failure	
5681	M20540	M	302.2	311.6	1386	50.5	69	0	No Failure	
5682	L52861	L	302.2	311.6	1383	44.3	72	0	No Failure	
5683	H35096	H	302.3	311.6	1441	53.9	74	0	No Failure	
5684	M20543	M	302.2	311.6	1592	37.7	79	0	No Failure	
5685	H35098	H	302.2	311.6	1594	36.8	82	0	No Failure	
5686	L52865	L	302.2	311.5	1482	45.6	87	0	No Failure	
5687	L52866	L	302.2	311.6	1658	31.4	89	0	No Failure	
5688	L52867	L	302.3	311.7	2170	18.2	91	0	No Failure	
5689	M20548	M	302.3	311.7	1423	44.6	93	0	No Failure	
5690	L52869	L	302.4	311.8	1543	31.1	96	0	No Failure	
5691	L52870	L	302.3	311.8	1435	44.8	98	0	No Failure	
5692	L52871	L	302.4	311.8	1320	56.4	100	0	No Failure	
5693	M20552	M	302.4	311.9	1313	55.7	102	0	No Failure	
5694	M20553	M	302.4	311.8	1453	42.1	105	0	No Failure	
5695	L52874	L	302.4	311.8	1508	45.7	108	0	No Failure	
5696	L52875	L	302.4	311.8	1451	42	110	0	No Failure	
5697	H35110	H	302.5	311.9	1595	34.6	112	0	No Failure	
5698	L52877	L	302.5	311.9	1354	49.4	117	0	No Failure	
5699	L52878	L	302.5	311.9	1265	59.8	119	0	No Failure	

5700	L52879	L	302.4	311.9	1867	25.9	121	0	No Failure	
5701	L52880	L	302.5	311.9	1497	41.6	123	0	No Failure	
5702	M20561	M	302.5	311.9	1347	54.3	125	0	No Failure	
5703	L52882	L	302.3	311.7	1544	43.2	128	0	No Failure	
5704	H35117	H	302.3	311.7	1456	45.4	130	0	No Failure	
5705	L52884	L	302.5	311.8	1335	52.7	135	0	No Failure	
5706	L52885	L	302.4	311.9	1452	43.1	137	0	No Failure	
5707	L52886	L	302.4	311.9	1290	70	139	1	Power Failure	
5708	L52887	L	302.4	311.8	1448	43.4	141	0	No Failure	
5709	L52888	L	302.3	311.7	1611	38.6	143	0	No Failure	
5710	L52889	L	302.2	311.7	1556	38.6	145	0	No Failure	
5711	H35124	H	302.2	311.7	1413	46.5	147	0	No Failure	
5712	L52891	L	302.2	311.6	1545	35.9	152	0	No Failure	
5713	L52892	L	302.2	311.7	1330	54.6	154	0	No Failure	
5714	L52893	L	302.2	311.9	1596	38	156	0	No Failure	
5715	L52894	L	302.2	311.8	1618	36	158	0	No Failure	
5716	H35129	H	302.2	311.9	1597	35.8	160	0	No Failure	
5717	L52896	L	302.3	312	1354	52.2	165	0	No Failure	
5718	L52897	L	302.3	312	1746	28.1	167	0	No Failure	
5719	L52898	L	302.4	312	1621	32.5	169	0	No Failure	
5720	L52899	L	302.3	312	1398	43.3	171	0	No Failure	
5721	L52900	L	302.3	311.9	1434	51.9	173	0	No Failure	
5722	M20581	M	302.3	311.8	1443	43.4	175	0	No Failure	
5723	L52902	L	302.2	311.7	1488	44.6	178	0	No Failure	
5724	M20583	M	302.3	311.8	1475	48	180	0	No Failure	
5725	L52904	L	302.3	311.8	1433	50.3	183	0	No Failure	
5726	M20585	M	302.3	311.8	1557	34.1	185	0	No Failure	
5727	M20586	M	302.4	311.9	1398	50.1	188	0	No Failure	
5728	M20587	M	302.3	311.8	1559	34.4	191	0	No Failure	
5729	M20588	M	302.4	311.9	1422	46.4	194	0	No Failure	
5730	M20589	M	302.3	311.8	1463	35.7	197	0	No Failure	
5731	L52910	L	302.3	311.7	1793	25.3	200	0	No Failure	
5732	L52911	L	302.2	311.6	1872	20.4	202	0	No Failure	
5733	L52912	L	302.2	311.7	1412	44.5	204	0	No Failure	
5734	L52913	L	302.3	311.8	1487	43.2	206	0	No Failure	
5735	L52914	L	302.3	311.8	1369	56.2	208	1	Overstrain Failure	
5736	L52915	L	302.4	311.8	1673	30.1	210	0	No Failure	
5737	M20596	M	302.4	311.9	1439	36.6	212	0	No Failure	

5738	L52917	L	302.3	311.8	1574	42.8	215	0	No Failure	
5739	L52918	L	302.3	311.7	1281	48.8	0	0	No Failure	
5740	M20599	M	302.2	311.7	1653	31.4	2	0	No Failure	
5741	M20600	M	302.3	311.7	1535	38.3	5	0	No Failure	
5742	M20601	M	302.3	311.7	1483	40.5	8	0	No Failure	
5743	L52922	L	302.3	311.7	1414	47	11	0	No Failure	
5744	M20603	M	302.2	311.6	1379	42.9	13	0	No Failure	
5745	H35158	H	302.2	311.5	1482	42.6	16	0	No Failure	
5746	L52925	L	302.1	311.5	1987	20.1	21	0	No Failure	
5747	M20606	M	302.1	311.5	1635	31.6	23	0	No Failure	
5748	L52927	L	302.1	311.5	1533	39.4	26	0	No Failure	
5749	M20608	M	302.2	311.7	1576	34	28	0	No Failure	
5750	H35163	H	302.2	311.8	1330	62.4	31	0	No Failure	
5751	L52930	L	302.2	311.8	1981	21.8	36	0	No Failure	
5752	H35165	H	302.3	311.8	1475	42.8	38	0	No Failure	
5753	H35166	H	302.3	311.8	1804	25	43	0	No Failure	
5754	L52933	L	302.2	311.6	1416	54.1	48	0	No Failure	
5755	L52934	L	302.1	311.5	1727	27.7	50	0	No Failure	
5756	L52935	L	302.1	311.4	1391	49.2	52	0	No Failure	
5757	M20616	M	302	311.5	1366	52.3	54	0	No Failure	
5758	L52937	L	301.9	311.3	1366	55.6	57	0	No Failure	
5759	L52938	L	301.9	311.3	1501	40.8	59	0	No Failure	
5760	L52939	L	301.8	311.3	1551	35.8	61	0	No Failure	
5761	M20620	M	301.9	311.3	1522	35.6	63	0	No Failure	
5762	L52941	L	301.9	311.2	1369	49.8	66	0	No Failure	
5763	L52942	L	301.8	311.2	1334	52.3	68	0	No Failure	
5764	H35177	H	301.8	311.2	1451	39.4	70	0	No Failure	
5765	L52944	L	301.7	311.2	1589	37.9	75	0	No Failure	
5766	L52945	L	301.7	311.3	1708	30.5	77	0	No Failure	
5767	M20626	M	301.7	311.2	1413	42.6	79	0	No Failure	
5768	M20627	M	301.6	311.2	1415	46.5	82	0	No Failure	
5769	L52948	L	301.7	311.3	1421	45.9	85	0	No Failure	
5770	L52949	L	301.7	311.3	1348	51	87	0	No Failure	
5771	L52950	L	301.6	311.2	1408	42.9	89	0	No Failure	
5772	L52951	L	301.6	311.2	1525	43.7	91	0	No Failure	
5773	L52952	L	301.6	311.3	1706	29.9	93	0	No Failure	
5774	H35187	H	301.6	311.2	1395	46.8	95	0	No Failure	
5775	L52954	L	301.5	311.1	1602	34.3	100	0	No Failure	

5776	L52955	L	301.6	311.1	1907	21.5	102	0	No Failure	
5777	L52956	L	301.6	311.1	1325	49.2	104	0	No Failure	
5778	L52957	L	301.6	311.1	1408	44.4	106	0	No Failure	
5779	M20638	M	301.7	311.1	1489	41.4	108	0	No Failure	
5780	L52959	L	301.6	311.1	1680	29.2	111	0	No Failure	
5781	L52960	L	301.7	311.2	1517	42.4	113	0	No Failure	
5782	M20641	M	301.7	311.1	1618	36.7	115	0	No Failure	
5783	L52962	L	301.7	311.1	1455	39.8	118	0	No Failure	
5784	H35197	H	301.8	311.1	1543	36.4	120	0	No Failure	
5785	M20644	M	301.8	311.1	1399	41.8	125	0	No Failure	
5786	L52965	L	301.7	311.1	1469	37.2	128	0	No Failure	
5787	L52966	L	301.7	311.2	1521	36.7	130	0	No Failure	
5788	L52967	L	301.7	311.3	1584	38.8	132	0	No Failure	
5789	L52968	L	301.8	311.5	1443	43.3	134	0	No Failure	
5790	M20649	M	301.8	311.5	1416	49	136	0	No Failure	
5791	M20650	M	301.7	311.2	1563	34.5	139	0	No Failure	
5792	M20651	M	301.8	311.3	1542	40.1	142	0	No Failure	
5793	M20652	M	301.8	311.3	1624	31.6	145	0	No Failure	
5794	L52973	L	301.8	311.3	1471	44.2	148	0	No Failure	
5795	M20654	M	301.9	311.5	1492	40.8	150	0	No Failure	
5796	M20655	M	301.9	311.4	1465	39.9	153	0	No Failure	
5797	L52976	L	301.7	311.1	1399	55.1	156	0	No Failure	
5798	L52977	L	301.6	311	1431	42.6	158	0	No Failure	
5799	L52978	L	301.5	310.9	1600	39	160	0	No Failure	
5800	L52979	L	301.5	310.8	1593	34.5	162	0	No Failure	
5801	L52980	L	301.5	310.9	1469	44.7	164	0	No Failure	
5802	L52981	L	301.5	310.8	1413	44.6	166	0	No Failure	
5803	L52982	L	301.4	310.8	1490	38	168	0	No Failure	
5804	L52983	L	301.5	310.9	1671	31.1	170	0	No Failure	
5805	L52984	L	301.5	310.9	1365	46.5	172	0	No Failure	
5806	M20665	M	301.4	310.9	1557	39.3	174	0	No Failure	
5807	L52986	L	301.4	310.9	1440	45.4	177	0	No Failure	
5808	M20667	M	301.4	310.9	1489	38.9	179	0	No Failure	
5809	L52988	L	301.4	311	1733	25.7	182	0	No Failure	
5810	H35223	H	301.3	311	1580	36.6	184	0	No Failure	
5811	L52990	L	301.3	311	1856	21.9	189	0	No Failure	
5812	L52991	L	301.3	311.1	1454	40.3	191	0	No Failure	
5813	L52992	L	301.4	311.1	1495	36.3	193	0	No Failure	

5814	L52993	L	301.2	311	1761	29.1	195	0	No Failure	
5815	M20674	M	301.3	311	1402	47.5	197	0	No Failure	
5816	L52995	L	301.2	311	1670	33	200	0	No Failure	
5817	L52996	L	301.3	311	1582	35.6	202	0	No Failure	
5818	L52997	L	301.3	311	1542	35.1	204	0	No Failure	
5819	L52998	L	301.3	311	1539	36.9	206	0	No Failure	
5820	L52999	L	301.3	311	1418	41.9	208	0	No Failure	
5821	L53000	L	301.3	311.1	1723	27.6	210	0	No Failure	
5822	L53001	L	301.3	311.1	1303	49.2	212	0	No Failure	
5823	M20682	M	301.3	311	1463	50.2	214	0	No Failure	
5824	L53003	L	301.2	311	1544	39.3	217	0	No Failure	
5825	L53004	L	301.2	311	1596	37.2	219	0	No Failure	
5826	L53005	L	301.3	311.1	1413	42	221	0	No Failure	
5827	M20686	M	301.3	311.1	1492	41.2	223	0	No Failure	
5828	L53007	L	301.3	311.1	1624	40.9	0	0	No Failure	
5829	L53008	L	301.3	311.1	1504	39.1	2	0	No Failure	
5830	M20689	M	301.2	311.1	1574	34.3	4	0	No Failure	
5831	M20690	M	301.3	311.2	1438	42.4	7	0	No Failure	
5832	L53011	L	301.3	311.3	1474	50.7	10	0	No Failure	
5833	L53012	L	301.3	311.2	1675	32.1	12	0	No Failure	
5834	L53013	L	301.3	311.2	1457	44.5	14	0	No Failure	
5835	L53014	L	301.3	311.3	1434	49.8	16	0	No Failure	
5836	L53015	L	301.3	311.2	1668	30.1	18	0	No Failure	
5837	L53016	L	301.2	311.1	1550	39.7	20	0	No Failure	
5838	M20697	M	301.3	311.1	1834	25.4	22	0	No Failure	
5839	M20698	M	301.4	311.2	1476	36.5	25	0	No Failure	
5840	M20699	M	301.4	311.2	1541	36.3	28	0	No Failure	
5841	M20700	M	301.3	311.1	1581	30.9	31	0	No Failure	
5842	M20701	M	301.3	311.1	1678	30.7	34	0	No Failure	
5843	L53022	L	301.4	311.2	1355	50.6	37	0	No Failure	
5844	L53023	L	301.5	311.2	1700	28.8	39	0	No Failure	
5845	L53024	L	301.4	311.1	1462	37.1	41	0	No Failure	
5846	M20705	M	301.4	311.2	1727	26.5	43	0	No Failure	
5847	L53026	L	301.4	311.3	1674	33.3	46	0	No Failure	
5848	L53027	L	301.4	311.3	1397	42.3	48	0	No Failure	
5849	L53028	L	301.4	311.3	2323	15.9	50	0	No Failure	
5850	M20709	M	301.4	311.2	1434	47.6	52	0	No Failure	
5851	L53030	L	301.3	311.1	1560	35.3	55	0	No Failure	

5852	L53031	L	301.2	311	1573	32.8	57	0	No Failure	
5853	H35266	H	301.2	310.9	1798	22.3	59	0	No Failure	
5854	L53033	L	301.2	311	1567	35.1	64	0	No Failure	
5855	L53034	L	301.2	310.9	1416	53.3	66	0	No Failure	
5856	M20715	M	301.2	310.9	1424	45.2	68	0	No Failure	
5857	H35270	H	301.2	310.9	1598	35.9	71	0	No Failure	
5858	L53037	L	301.3	310.9	1760	23.9	76	0	No Failure	
5859	L53038	L	301.3	311	1348	44.5	78	0	No Failure	
5860	L53039	L	301.3	311	1542	33.6	80	0	No Failure	
5861	L53040	L	301.3	310.9	1566	33.1	82	0	No Failure	
5862	L53041	L	301.3	311	1554	47.7	84	0	No Failure	
5863	L53042	L	301.4	311	1470	40.6	86	0	No Failure	
5864	M20723	M	301.4	311.1	1758	25.4	88	0	No Failure	
5865	M20724	M	301.4	311	1486	36.5	91	0	No Failure	
5866	M20725	M	301.5	311.1	1402	40	94	0	No Failure	
5867	L53046	L	301.5	311.1	1459	45.1	97	0	No Failure	
5868	L53047	L	301.5	311	1494	45.3	99	0	No Failure	
5869	L53048	L	301.5	311.1	1731	27.9	101	0	No Failure	
5870	L53049	L	301.5	311.1	2076	18.7	103	0	No Failure	
5871	L53050	L	301.5	311.1	2055	16.8	105	0	No Failure	
5872	L53051	L	301.5	311.1	1469	49.5	107	0	No Failure	
5873	M20732	M	301.5	311	1504	42.6	109	0	No Failure	
5874	M20733	M	301.5	311.1	1396	43.5	112	0	No Failure	
5875	M20734	M	301.5	311.1	1660	33.8	115	0	No Failure	
5876	M20735	M	301.5	311	1577	39.7	118	0	No Failure	
5877	L53056	L	301.5	311.1	1426	52.1	121	0	No Failure	
5878	L53057	L	301.5	311.1	1458	41.4	123	0	No Failure	
5879	L53058	L	301.4	311	1533	45.8	125	0	No Failure	
5880	L53059	L	301.4	311	1701	28.4	127	0	No Failure	
5881	L53060	L	301.5	311.1	1434	49.6	129	0	No Failure	
5882	L53061	L	301.4	311.1	1952	22.7	131	0	No Failure	
5883	L53062	L	301.4	311.1	1469	36.9	133	0	No Failure	
5884	L53063	L	301.4	311.1	1800	26	135	0	No Failure	
5885	M20744	M	301.3	311.1	1438	43	137	0	No Failure	
5886	L53065	L	301.3	311.1	1647	28.2	140	0	No Failure	
5887	L53066	L	301.4	311.1	1494	41.9	142	0	No Failure	
5888	H35301	H	301.4	311.1	1445	41.4	144	0	No Failure	
5889	M20748	M	301.5	311.1	1507	38.6	149	0	No Failure	

5890	M20749	M	301.4	311	1234	55.8	152	0	No Failure	
5891	L53070	L	301.4	311	1634	32.6	155	0	No Failure	
5892	L53071	L	301.4	311	1334	53.3	157	0	No Failure	
5893	L53072	L	301.4	311.1	1472	44.5	159	0	No Failure	
5894	M20753	M	301.3	311	1410	52.7	161	0	No Failure	
5895	L53074	L	301.2	310.9	1597	37.9	164	0	No Failure	
5896	M20755	M	301.2	310.9	1460	46.7	166	0	No Failure	
5897	L53076	L	301.1	310.8	1274	55.7	169	0	No Failure	
5898	M20757	M	301	310.7	1517	40.2	171	0	No Failure	
5899	L53078	L	301	310.7	1300	57.2	174	0	No Failure	
5900	H35313	H	300.9	310.6	1686	27.7	176	0	No Failure	
5901	M20760	M	300.9	310.7	1485	41	181	0	No Failure	
5902	L53081	L	301	310.7	1464	45.8	184	0	No Failure	
5903	L53082	L	300.9	310.6	1598	35.4	186	0	No Failure	
5904	L53083	L	300.9	310.5	1894	21.9	188	0	No Failure	
5905	M20764	M	300.8	310.5	1330	59	190	0	No Failure	
5906	H35319	H	300.8	310.5	1582	31.1	193	0	No Failure	
5907	L53086	L	300.7	310.3	1533	35.6	198	0	No Failure	
5908	H35321	H	300.8	310.4	1419	46.4	200	0	No Failure	
5909	M20768	M	300.8	310.3	1526	36.3	205	0	No Failure	
5910	H35323	H	300.7	310.2	1364	65.3	208	1	Power Failure	
5911	M20770	M	300.8	310.3	1458	43.4	0	0	No Failure	
5912	M20771	M	300.8	310.4	1288	64	3	0	No Failure	
5913	M20772	M	300.7	310.3	1659	29.8	6	0	No Failure	
5914	H35327	H	300.7	310.2	1479	52.3	9	0	No Failure	
5915	L53094	L	300.7	310.3	1592	36	14	0	No Failure	
5916	M20775	M	300.6	310.2	1532	38.7	16	0	No Failure	
5917	L53096	L	300.6	310.2	1555	41.9	19	0	No Failure	
5918	L53097	L	300.6	310.2	1341	52.6	21	0	No Failure	
5919	L53098	L	300.6	310.1	1541	42	23	0	No Failure	
5920	L53099	L	300.6	310.3	1414	50.6	25	0	No Failure	
5921	L53100	L	300.5	310.2	1764	25.9	27	0	No Failure	
5922	L53101	L	300.5	310.3	1336	57.1	29	0	No Failure	
5923	L53102	L	300.5	310.3	1435	43.3	31	0	No Failure	
5924	M20783	M	300.4	310.3	1537	35	33	0	No Failure	
5925	L53104	L	300.3	310.2	1369	48.8	36	0	No Failure	
5926	M20785	M	300.2	310.1	1619	31.3	38	0	No Failure	
5927	L53106	L	300.2	310.1	1440	51.1	41	0	No Failure	

5928	L53107	L	300.2	310.1	1649	30.5	43	0	No Failure	
5929	M20788	M	300.2	310.1	1550	38.7	45	0	No Failure	
5930	L53109	L	300.3	310.2	1471	45.2	48	0	No Failure	
5931	L53110	L	300.3	310.3	1483	51.6	50	0	No Failure	
5932	L53111	L	300.3	310.4	1336	54.4	52	0	No Failure	
5933	L53112	L	300.5	310.5	1515	36.6	54	0	No Failure	
5934	L53113	L	300.5	310.5	1373	47.4	56	0	No Failure	
5935	H35348	H	300.6	310.5	1454	51.2	58	0	No Failure	
5936	L53115	L	300.5	310.5	1646	34.5	63	0	No Failure	
5937	M20796	M	300.5	310.4	1548	37.3	65	0	No Failure	
5938	M20797	M	300.6	310.5	1462	41.3	68	0	No Failure	
5939	L53118	L	300.5	310.4	1702	33.1	71	0	No Failure	
5940	L53119	L	300.5	310.5	1409	60.9	73	0	No Failure	
5941	M20800	M	300.6	310.6	1427	52.8	75	0	No Failure	
5942	L53121	L	300.6	310.7	1438	48.5	78	1	No Failure	
5943	L53122	L	300.7	310.7	1450	43.4	80	0	No Failure	
5944	L53123	L	300.7	310.7	1541	41.3	82	0	No Failure	
5945	M20804	M	300.7	310.6	1484	38	84	0	No Failure	
5946	M20805	M	300.8	310.8	1415	44.5	87	0	No Failure	
5947	L53126	L	300.7	310.8	1496	46.4	90	0	No Failure	
5948	M20807	M	300.7	310.8	1465	45.2	92	0	No Failure	
5949	L53128	L	300.7	310.8	2113	18.5	95	0	No Failure	
5950	M20809	M	300.7	310.8	1506	44	97	0	No Failure	
5951	L53130	L	300.7	310.8	1689	28.9	100	0	No Failure	
5952	L53131	L	300.7	310.9	1650	29.4	102	0	No Failure	
5953	L53132	L	300.7	310.8	1563	33.8	104	0	No Failure	
5954	M20813	M	300.7	310.9	1486	38.9	106	0	No Failure	
5955	L53134	L	300.8	310.9	1732	25.7	109	0	No Failure	
5956	L53135	L	300.7	310.8	1653	31.6	111	0	No Failure	
5957	L53136	L	300.7	310.9	1535	37.1	113	0	No Failure	
5958	L53137	L	300.7	310.9	1637	37.2	115	0	No Failure	
5959	L53138	L	300.6	310.8	1533	38.5	117	0	No Failure	
5960	L53139	L	300.6	310.8	1378	51.2	119	0	No Failure	
5961	L53140	L	300.5	310.7	1606	33.5	121	0	No Failure	
5962	L53141	L	300.3	310.7	1539	32.3	123	0	No Failure	
5963	L53142	L	300.5	310.8	1728	26.3	125	0	No Failure	
5964	H35377	H	300.4	310.7	1656	36.3	127	0	No Failure	
5965	H35378	H	300.5	310.8	1631	30.5	132	0	No Failure	

5966	H35379	H	300.5	310.9	1447	46.5	137	0	No Failure	
5967	L53146	L	300.4	310.8	1396	49.3	142	0	No Failure	
5968	L53147	L	300.4	310.8	1390	52.5	144	0	No Failure	
5969	L53148	L	300.4	310.8	1348	56	146	0	No Failure	
5970	M20829	M	300.4	310.8	1491	35.9	148	0	No Failure	
5971	L53150	L	300.4	310.8	1520	37.6	151	0	No Failure	
5972	L53151	L	300.5	310.8	1509	33	153	0	No Failure	
5973	L53152	L	300.5	310.8	1445	46.6	155	0	No Failure	
5974	L53153	L	300.5	310.8	1354	51.8	157	0	No Failure	
5975	L53154	L	300.5	310.7	1488	39.4	159	0	No Failure	
5976	H35389	H	300.5	310.7	1654	28.6	161	0	No Failure	
5977	H35390	H	300.5	310.6	1378	51.5	166	0	No Failure	
5978	L53157	L	300.6	310.7	1750	30.6	171	0	No Failure	
5979	L53158	L	300.5	310.6	1448	46.3	173	0	No Failure	
5980	H35393	H	300.6	310.7	1501	45.3	175	0	No Failure	
5981	M20840	M	300.6	310.7	1654	32	180	0	No Failure	
5982	M20841	M	300.7	310.7	1347	46.5	183	0	No Failure	
5983	L53162	L	300.7	310.8	1486	37.1	186	0	No Failure	
5984	H35397	H	300.8	310.8	1466	45.2	188	0	No Failure	
5985	H35398	H	300.7	310.8	1346	52	193	0	No Failure	
5986	L53165	L	300.7	310.7	1314	42.4	198	0	No Failure	
5987	L53166	L	300.6	310.7	1440	52.5	200	0	No Failure	
5988	L53167	L	300.7	310.8	1608	39.5	202	0	No Failure	
5989	H35402	H	300.7	310.8	1296	58.2	204	0	No Failure	
5990	L53169	L	300.7	310.7	1507	46.1	209	0	No Failure	
5991	M20850	M	300.7	310.7	1343	51.6	211	0	No Failure	
5992	L53171	L	300.7	310.7	1416	40.4	214	0	No Failure	
5993	L53172	L	300.7	310.6	1288	47.2	216	0	No Failure	
5994	M20853	M	300.7	310.6	1407	42.4	218	0	No Failure	
5995	L53174	L	300.6	310.4	1608	39.2	221	0	No Failure	
5996	L53175	L	300.6	310.3	1920	22.3	223	0	No Failure	
5997	M20856	M	300.5	310.2	1386	48.2	225	0	No Failure	
5998	M20857	M	300.5	310.2	1571	34.6	228	0	No Failure	
5999	M20858	M	300.4	310.2	1613	36.9	231	0	No Failure	
6000	M20859	M	300.4	310.2	1671	30.5	234	1	Tool Wear Failure	
6001	H35414	H	300.4	310.2	1431	43.2	0	0	No Failure	
6002	M20861	M	300.4	310.2	1380	47.3	5	0	No Failure	
6003	L53182	L	300.5	310.3	1683	31.5	8	0	No Failure	

6004	L53183	L	300.4	310.2	1529	36.2	10	0	No Failure	
6005	L53184	L	300.5	310.4	1761	26.5	12	0	No Failure	
6006	L53185	L	300.6	310.5	1570	38.3	14	0	No Failure	
6007	M20866	M	300.6	310.5	2156	18	16	0	No Failure	
6008	M20867	M	300.7	310.6	1349	54.5	19	0	No Failure	
6009	L53188	L	300.7	310.7	1431	39.3	22	0	No Failure	
6010	L53189	L	300.6	310.6	1931	22	24	0	No Failure	
6011	H35424	H	300.7	310.7	1428	43.4	26	0	No Failure	
6012	L53191	L	300.8	310.8	1564	36.2	31	0	No Failure	
6013	H35426	H	300.8	310.9	1425	44	33	0	No Failure	
6014	L53193	L	300.7	310.8	1597	30.5	38	0	No Failure	
6015	H35428	H	300.8	310.8	1618	32.8	40	0	No Failure	
6016	M20875	M	300.8	310.8	1520	38	45	0	No Failure	
6017	L53196	L	300.7	310.7	1425	45.3	48	0	No Failure	
6018	L53197	L	300.8	310.9	1398	38.2	50	0	No Failure	
6019	M20878	M	300.8	310.9	1557	31.6	52	0	No Failure	
6020	L53199	L	300.7	310.8	1519	43.9	55	0	No Failure	
6021	L53200	L	300.7	310.8	1619	34.9	57	0	No Failure	
6022	L53201	L	300.7	310.8	1814	21.4	59	0	No Failure	
6023	L53202	L	300.7	310.9	1521	39.4	61	0	No Failure	
6024	M20883	M	300.7	310.9	1369	51.2	63	0	No Failure	
6025	L53204	L	300.7	310.9	1356	65.3	66	1	Power Failure	
6026	L53205	L	300.7	311	1336	53.3	68	0	No Failure	
6027	L53206	L	300.7	311	1403	48.3	70	0	No Failure	
6028	M20887	M	300.7	311	1413	44.3	72	0	No Failure	
6029	L53208	L	300.6	310.9	1472	47.6	75	0	No Failure	
6030	M20889	M	300.7	310.8	1452	47.9	77	0	No Failure	
6031	L53210	L	300.6	310.7	1397	53.7	80	0	No Failure	
6032	L53211	L	300.6	310.7	1455	40.6	82	0	No Failure	
6033	L53212	L	300.7	310.8	1754	27.7	84	0	No Failure	
6034	L53213	L	300.6	310.9	1471	37.9	86	0	No Failure	
6035	M20894	M	300.6	310.8	1389	48.1	88	0	No Failure	
6036	M20895	M	300.6	310.9	1702	30.3	91	0	No Failure	
6037	M20896	M	300.6	311	1401	54.6	94	0	No Failure	
6038	L53217	L	300.7	311.1	1426	46.2	97	0	No Failure	
6039	L53218	L	300.7	311	1496	38.3	99	0	No Failure	
6040	L53219	L	300.6	310.9	1433	42.6	101	0	No Failure	
6041	M20900	M	300.7	311.1	1438	46.6	103	0	No Failure	

6042	M20901	M	300.7	311	1418	49.3	106	0	No Failure	
6043	M20902	M	300.8	311	1580	36.6	109	0	No Failure	
6044	M20903	M	300.7	310.9	1468	41.8	112	0	No Failure	
6045	M20904	M	300.8	310.9	1522	41.7	115	0	No Failure	
6046	L53225	L	300.8	310.9	1311	55.8	118	0	No Failure	
6047	L53226	L	300.9	311	1316	56.5	120	0	No Failure	
6048	H35461	H	300.9	311	1853	23.6	122	0	No Failure	
6049	M20908	M	300.9	311	1556	38.8	127	0	No Failure	
6050	M20909	M	300.9	311	1567	34.3	130	0	No Failure	
6051	M20910	M	300.9	311.1	1546	37.7	133	0	No Failure	
6052	L53231	L	300.9	311	1382	51.2	136	0	No Failure	
6053	L53232	L	300.9	311	2003	20.2	138	0	No Failure	
6054	L53233	L	300.8	310.9	1748	29.9	140	0	No Failure	
6055	H35468	H	300.7	310.8	1518	40.1	142	0	No Failure	
6056	L53235	L	300.7	310.8	1475	42	147	0	No Failure	
6057	L53236	L	300.8	310.8	1634	29.2	149	0	No Failure	
6058	L53237	L	300.8	310.8	1689	32.9	151	0	No Failure	
6059	M20918	M	300.9	310.9	1636	35.3	153	0	No Failure	
6060	L53239	L	300.9	311	2235	15.8	156	0	No Failure	
6061	L53240	L	301	311.1	1615	35.6	158	0	No Failure	
6062	H35475	H	301.1	311.1	1618	29.5	160	0	No Failure	
6063	M20922	M	301.1	311.2	1407	53	165	0	No Failure	
6064	L53243	L	301.1	311.1	1450	43.3	168	0	No Failure	
6065	L53244	L	301.1	311.1	1889	23.8	170	0	No Failure	
6066	L53245	L	301	310.9	1568	38.2	172	0	No Failure	
6067	L53246	L	301	311	1804	25.8	174	0	No Failure	
6068	L53247	L	301	311	1582	37.5	176	0	No Failure	
6069	M20928	M	301	310.9	2047	17.9	178	0	No Failure	
6070	L53249	L	300.9	310.9	1601	34	181	0	No Failure	
6071	L53250	L	300.9	310.9	1615	32	183	0	No Failure	
6072	M20931	M	300.9	310.8	1452	43.6	185	0	No Failure	
6073	M20932	M	300.9	310.8	1695	30.2	188	0	No Failure	
6074	M20933	M	300.9	310.8	1790	26.2	191	0	No Failure	
6075	M20934	M	301	310.8	1533	39.3	194	0	No Failure	
6076	L53255	L	301	310.9	1813	28.5	197	0	No Failure	
6077	L53256	L	301	310.9	1492	36.7	199	0	No Failure	
6078	L53257	L	300.9	310.7	1479	43.3	201	0	No Failure	
6079	L53258	L	300.8	310.7	1339	59.1	203	1	Overstrain Failure	

6080	M20939	M	300.8	310.7	1371	44.7	205	0	No Failure	
6081	L53260	L	300.9	310.7	1468	36.2	208	0	No Failure	
6082	L53261	L	300.9	310.7	1517	41.7	210	0	No Failure	
6083	L53262	L	300.9	310.7	1352	46.4	212	0	No Failure	
6084	L53263	L	300.9	310.7	1389	50	214	0	No Failure	
6085	M20944	M	300.8	310.6	1505	36.2	0	0	No Failure	
6086	L53265	L	300.9	310.6	1538	36.7	3	0	No Failure	
6087	L53266	L	300.9	310.8	1482	37	5	0	No Failure	
6088	M20947	M	300.9	310.8	1599	33	7	0	No Failure	
6089	L53268	L	300.9	310.8	1476	39	10	0	No Failure	
6090	L53269	L	300.9	310.7	1509	37.5	12	0	No Failure	
6091	L53270	L	300.9	310.8	1708	29.1	14	0	No Failure	
6092	L53271	L	300.9	310.7	1412	57.5	16	0	Random Failures	
6093	L53272	L	300.9	310.7	1658	28.5	18	0	No Failure	
6094	L53273	L	301	310.8	1375	57.2	20	0	No Failure	
6095	M20954	M	300.9	310.8	1402	48.1	22	0	No Failure	
6096	M20955	M	300.9	310.7	1452	47.3	25	0	No Failure	
6097	M20956	M	300.8	310.7	1483	40.8	28	0	No Failure	
6098	H35511	H	300.9	310.8	1477	38.4	31	0	No Failure	
6099	M20958	M	300.8	310.7	1924	22.4	36	0	No Failure	
6100	H35513	H	300.9	310.7	1609	28.7	39	0	No Failure	
6101	M20960	M	300.8	310.7	1886	21.1	44	0	No Failure	
6102	L53281	L	300.7	310.6	1616	29.6	47	0	No Failure	
6103	L53282	L	300.7	310.7	1442	43.2	49	0	No Failure	
6104	L53283	L	300.8	310.8	1407	45.1	51	0	No Failure	
6105	M20964	M	300.8	310.8	1461	41.3	53	0	No Failure	
6106	M20965	M	300.8	310.9	1522	46.2	56	0	No Failure	
6107	L53286	L	300.9	311	1432	48.1	59	0	No Failure	
6108	L53287	L	300.9	311	1438	49	61	0	No Failure	
6109	M20968	M	300.8	310.9	1678	28.1	63	0	No Failure	
6110	M20969	M	300.8	310.9	1514	38.7	66	0	No Failure	
6111	L53290	L	300.7	310.8	1534	41.3	69	0	No Failure	
6112	M20971	M	300.7	310.8	1486	41.2	71	0	No Failure	
6113	L53292	L	300.7	310.8	1925	22	74	0	No Failure	
6114	M20973	M	300.7	310.8	1724	30	76	0	No Failure	
6115	M20974	M	300.8	310.8	1549	35.5	79	0	No Failure	
6116	L53295	L	300.8	310.9	1457	47.7	82	0	No Failure	
6117	L53296	L	300.8	310.9	1453	43.9	84	0	No Failure	

6118	L53297	L	300.8	311	1578	44.4	86	0	No Failure	
6119	M20978	M	300.9	311.1	1325	61.4	88	0	No Failure	
6120	L53299	L	300.9	311.1	1471	39.3	91	0	No Failure	
6121	M20980	M	300.9	311.2	1472	40	93	0	No Failure	
6122	L53301	L	300.9	311.1	1457	37.4	96	0	No Failure	
6123	L53302	L	301	311	1402	55.3	98	0	No Failure	
6124	L53303	L	300.9	310.9	1477	41.5	100	0	No Failure	
6125	M20984	M	300.9	310.9	1727	30.1	102	0	No Failure	
6126	L53305	L	300.9	310.9	1995	20.2	105	0	No Failure	
6127	L53306	L	300.9	310.9	1370	52.5	107	0	No Failure	
6128	L53307	L	300.9	310.9	1228	66.4	109	0	No Failure	
6129	L53308	L	300.9	311	1499	38	111	0	No Failure	
6130	M20989	M	301	311	1508	46.9	113	0	No Failure	
6131	L53310	L	301	310.9	1473	44.2	116	0	No Failure	
6132	H35545	H	301	311	1640	37.6	118	0	No Failure	
6133	L53312	L	301.1	311.1	1429	42.5	123	0	No Failure	
6134	L53313	L	301.1	311.1	1470	40.9	125	0	No Failure	
6135	L53314	L	301	311	1581	37	127	0	No Failure	
6136	L53315	L	301	310.9	1740	28.9	129	0	No Failure	
6137	H35550	H	300.9	310.8	1390	40.6	131	0	No Failure	
6138	M20997	M	300.9	310.8	1988	19.7	136	0	No Failure	
6139	M20998	M	300.8	310.7	1452	43	139	0	No Failure	
6140	L53319	L	300.8	310.7	1586	33.4	142	0	No Failure	
6141	L53320	L	300.8	310.7	1589	34.3	144	0	No Failure	
6142	L53321	L	300.8	310.8	1486	45.7	146	0	No Failure	
6143	L53322	L	300.9	310.9	1755	27.9	148	0	No Failure	
6144	M21003	M	301	310.9	1575	34.6	150	0	No Failure	
6145	M21004	M	301.1	311.1	1615	37.7	153	0	No Failure	
6146	M21005	M	301.1	311.1	1436	41.8	156	0	No Failure	
6147	M21006	M	301.1	311.1	1470	40.6	159	0	No Failure	
6148	M21007	M	301.1	311.1	2089	19.8	162	0	No Failure	
6149	L53328	L	301.1	311.2	1564	37	165	0	No Failure	
6150	M21009	M	301	311.1	1420	47.4	167	0	No Failure	
6151	L53330	L	301.1	311.1	1711	29.1	170	0	No Failure	
6152	L53331	L	301.1	311.2	1555	35.3	172	0	No Failure	
6153	M21012	M	301.1	311.1	1592	35.7	174	0	No Failure	
6154	L53333	L	301	311.1	1236	64.4	177	1	Overstrain Failure	
6155	M21014	M	301	310.9	1765	24.2	179	0	No Failure	

6156	L53335	L	301	311	1634	31.2	182	0	No Failure	
6157	L53336	L	301.1	311.1	1508	41.5	184	0	No Failure	
6158	L53337	L	301.1	311.2	1774	29.6	186	0	No Failure	
6159	L53338	L	301.1	311	1677	29.1	188	0	No Failure	
6160	L53339	L	301	311	1399	58	190	1	Overstrain Failure	
6161	L53340	L	301	310.9	1570	34	192	0	No Failure	
6162	L53341	L	301	310.9	1479	44.3	194	0	No Failure	
6163	L53342	L	301	310.8	1558	34.9	196	0	No Failure	
6164	L53343	L	300.8	310.7	1358	48.1	198	0	No Failure	
6165	H35578	H	300.9	310.7	1656	30.7	200	0	No Failure	
6166	L53345	L	300.9	310.7	1523	35.8	205	0	No Failure	
6167	H35580	H	300.9	310.7	1403	40.6	207	0	No Failure	
6168	M21027	M	300.9	310.7	1362	51.6	212	0	No Failure	
6169	M21028	M	300.7	310.6	1778	27.1	215	0	No Failure	
6170	L53349	L	300.7	310.5	1448	38.2	218	0	No Failure	
6171	H35584	H	300.8	310.5	1559	40.1	220	0	No Failure	
6172	L53351	L	300.8	310.6	1416	42.2	225	0	No Failure	
6173	L53352	L	300.8	310.6	1577	37.9	227	1	Tool Wear Failure	
6174	L53353	L	300.8	310.7	1633	27.8	0	0	No Failure	
6175	L53354	L	300.9	310.7	1573	31.2	2	0	No Failure	
6176	L53355	L	300.9	310.8	1517	44.3	4	0	No Failure	
6177	L53356	L	301	310.9	1515	37.3	6	0	No Failure	
6178	L53357	L	301	310.8	1527	45.3	8	0	No Failure	
6179	L53358	L	301.1	310.9	1282	67.9	10	1	Power Failure	
6180	M21039	M	301.1	310.9	1396	45.1	12	0	No Failure	
6181	L53360	L	301	310.9	1492	44.6	15	0	No Failure	
6182	L53361	L	301	310.8	1975	19.7	17	0	No Failure	
6183	L53362	L	301	310.8	1475	35.3	19	0	No Failure	
6184	H35597	H	301	310.9	1495	37.3	21	0	No Failure	
6185	L53364	L	301	311	1553	35.8	26	0	No Failure	
6186	L53365	L	301.1	311	1918	21.7	28	0	No Failure	
6187	M21046	M	301.1	311	1413	46.6	30	0	No Failure	
6188	L53367	L	301	311	1437	56	33	0	No Failure	
6189	L53368	L	301	310.9	1450	45.9	35	0	No Failure	
6190	M21049	M	301	310.9	1910	21.9	37	0	No Failure	
6191	L53370	L	300.9	310.9	1749	26.4	40	0	No Failure	
6192	H35605	H	301	310.9	1916	22	42	0	No Failure	
6193	L53372	L	301	310.9	1428	45.3	47	0	No Failure	

6194	L53373	L	301	310.9	1578	38.4	49	0	No Failure	
6195	L53374	L	300.9	310.8	1571	39.9	51	0	No Failure	
6196	L53375	L	300.9	310.8	1729	30.2	53	0	No Failure	
6197	L53376	L	300.9	310.8	1701	30.4	55	0	No Failure	
6198	L53377	L	300.9	310.8	1493	45.8	57	0	No Failure	
6199	M21058	M	301	310.9	1554	32.7	59	0	No Failure	
6200	L53379	L	300.9	310.9	1497	43.2	62	0	No Failure	
6201	L53380	L	301	310.9	1679	29.8	64	0	No Failure	
6202	M21061	M	301	310.9	1510	44.5	66	0	No Failure	
6203	L53382	L	301	310.9	1296	54.9	69	0	No Failure	
6204	L53383	L	301	310.9	1404	41.8	71	0	No Failure	
6205	M21064	M	300.9	310.8	1519	34.9	73	0	No Failure	
6206	M21065	M	300.9	310.7	1696	27.3	76	0	No Failure	
6207	M21066	M	300.8	310.6	1669	28.4	79	0	No Failure	
6208	L53387	L	300.7	310.6	1447	40.7	82	0	No Failure	
6209	M21068	M	300.7	310.6	1418	46.3	84	0	No Failure	
6210	L53389	L	300.7	310.6	1407	40.5	87	0	No Failure	
6211	L53390	L	300.8	310.5	1434	44.5	89	0	No Failure	
6212	L53391	L	300.8	310.6	1360	48.8	91	0	No Failure	
6213	L53392	L	300.8	310.6	1402	53.7	93	0	No Failure	
6214	L53393	L	300.9	310.6	1552	34.9	95	0	No Failure	
6215	L53394	L	300.9	310.7	1392	44.2	97	0	No Failure	
6216	L53395	L	301.1	310.8	1521	41	99	0	No Failure	
6217	L53396	L	301.1	310.8	1724	27.5	101	0	No Failure	
6218	M21077	M	301	310.7	1455	46.1	103	0	No Failure	
6219	H35632	H	301	310.6	1366	50.6	106	0	No Failure	
6220	H35633	H	301.1	310.6	1407	43.9	111	0	No Failure	
6221	L53400	L	301.1	310.8	1470	49.3	116	0	No Failure	
6222	M21081	M	301.2	310.9	1359	50.8	118	0	No Failure	
6223	H35636	H	301.1	310.8	1792	25.8	121	0	No Failure	
6224	M21083	M	301.1	310.9	1552	37.9	126	0	No Failure	
6225	L53404	L	301.2	311	1612	32.9	129	0	No Failure	
6226	M21085	M	301.2	311	1424	41.4	131	0	No Failure	
6227	H35640	H	301.3	311	1341	59.3	134	0	No Failure	
6228	L53407	L	301.2	310.8	1479	38.2	139	0	No Failure	
6229	L53408	L	301.2	310.9	1413	50.1	141	0	No Failure	
6230	L53409	L	301.3	310.9	2165	17.4	143	0	No Failure	
6231	M21090	M	301.3	311	1641	33	145	0	No Failure	

6232	M21091	M	301.3	311	1495	40.8	148	0	No Failure	
6233	L53412	L	301.3	311	1576	30.4	151	0	No Failure	
6234	L53413	L	301.2	310.9	1467	37.1	153	0	No Failure	
6235	L53414	L	301.2	310.8	1479	41.2	155	0	No Failure	
6236	L53415	L	301.3	310.9	1596	33.9	157	0	No Failure	
6237	M21096	M	301.3	310.9	1512	36.9	159	0	No Failure	
6238	L53417	L	301.4	310.9	1414	38.8	162	0	No Failure	
6239	L53418	L	301.3	310.8	1390	57.4	164	0	No Failure	
6240	L53419	L	301.2	310.7	1644	31.6	166	0	No Failure	
6241	M21100	M	301.2	310.7	1394	42.8	168	0	No Failure	
6242	L53421	L	301.1	310.5	1324	52.4	171	0	No Failure	
6243	L53422	L	301	310.4	1476	43.6	173	0	No Failure	
6244	L53423	L	301	310.4	2204	16.6	175	0	No Failure	
6245	M21104	M	301	310.4	1665	30.9	177	0	No Failure	
6246	L53425	L	300.9	310.4	1445	41.7	180	0	No Failure	
6247	H35660	H	300.8	310.3	1457	46.8	182	0	No Failure	
6248	L53427	L	300.8	310.2	1492	46.3	187	0	No Failure	
6249	L53428	L	300.8	310.1	1405	61.2	189	1	Power Failure	
6250	L53429	L	300.7	310.1	1542	35.5	191	0	No Failure	
6251	L53430	L	300.8	310.2	1520	37.7	193	0	No Failure	
6252	M21111	M	300.8	310.2	1598	36.5	195	0	No Failure	
6253	L53432	L	300.8	310.3	1538	36.1	198	0	No Failure	
6254	L53433	L	300.9	310.4	1615	30.9	200	0	No Failure	
6255	L53434	L	301	310.5	1408	47	202	0	No Failure	
6256	L53435	L	301	310.5	1379	57.3	204	1	Overstrain Failure	
6257	L53436	L	301	310.6	1493	37.8	206	1	Tool Wear Failure	
6258	L53437	L	301.1	310.7	1376	49.1	0	0	No Failure	
6259	M21118	M	301.1	310.7	1583	40.7	2	0	No Failure	
6260	M21119	M	301.2	310.8	1396	47.4	5	0	No Failure	
6261	L53440	L	301.1	310.7	1436	45.3	8	0	No Failure	
6262	L53441	L	301.1	310.6	1417	47.6	10	0	No Failure	
6263	L53442	L	301	310.6	1641	33.4	12	0	No Failure	
6264	M21123	M	301	310.6	1698	27.3	14	0	No Failure	
6265	L53444	L	300.9	310.4	1541	39.1	17	0	No Failure	
6266	L53445	L	300.8	310.3	1383	46.6	19	0	No Failure	
6267	L53446	L	300.8	310.4	1368	46.8	21	0	No Failure	
6268	L53447	L	300.8	310.4	1570	35.2	23	0	No Failure	
6269	L53448	L	300.9	310.5	1616	33.5	25	0	No Failure	

6270	M21129	M	300.9	310.5	1444	43.2	27	0	No Failure	
6271	L53450	L	300.9	310.4	2021	18.8	30	0	No Failure	
6272	M21131	M	300.9	310.5	1702	29.3	32	0	No Failure	
6273	M21132	M	301.1	310.6	1429	52.7	35	0	No Failure	
6274	L53453	L	301.2	310.8	1711	28.9	38	0	No Failure	
6275	M21134	M	301.2	310.7	1543	32.9	40	0	No Failure	
6276	L53455	L	301.3	310.8	1628	32.2	43	0	No Failure	
6277	L53456	L	301.2	310.8	1233	64.6	45	0	No Failure	
6278	L53457	L	301.2	310.8	1461	40.6	47	0	No Failure	
6279	L53458	L	301.2	310.7	1568	38.3	49	0	No Failure	
6280	L53459	L	301.3	310.8	1432	54.4	51	0	No Failure	
6281	M21140	M	301.2	310.7	1527	41.1	53	0	No Failure	
6282	M21141	M	301.3	310.8	1455	41.2	56	0	No Failure	
6283	M21142	M	301.3	310.8	1418	45.4	59	0	No Failure	
6284	L53463	L	301.3	310.8	1719	29.5	62	0	No Failure	
6285	M21144	M	301.2	310.8	1734	31.3	64	0	No Failure	
6286	M21145	M	301.2	310.7	1426	46.1	67	0	No Failure	
6287	L53466	L	301.1	310.6	1611	35.2	70	0	No Failure	
6288	M21147	M	301.1	310.6	1479	41.1	72	0	No Failure	
6289	L53468	L	301	310.5	1317	50.9	75	0	No Failure	
6290	L53469	L	301	310.5	1248	61.4	77	0	No Failure	
6291	L53470	L	301	310.5	1932	21.7	79	0	No Failure	
6292	M21151	M	301.1	310.5	1547	35.8	81	0	No Failure	
6293	L53472	L	301	310.4	1614	31.6	84	0	No Failure	
6294	H35707	H	301	310.4	1512	44.9	86	0	No Failure	
6295	L53474	L	301.1	310.5	1529	38.7	91	0	No Failure	
6296	H35709	H	301.1	310.6	1782	24.9	93	0	No Failure	
6297	L53476	L	301	310.5	1429	39.4	98	0	No Failure	
6298	M21157	M	301.1	310.5	1309	60.7	100	0	No Failure	
6299	L53478	L	301.1	310.5	1428	44.1	103	0	No Failure	
6300	L53479	L	301.2	310.6	1385	49.2	105	0	No Failure	
6301	L53480	L	301.2	310.7	1517	39.4	107	0	No Failure	
6302	M21161	M	301.2	310.6	1576	39.6	109	0	No Failure	
6303	L53482	L	301.2	310.6	1437	51.2	112	0	No Failure	
6304	H35717	H	301.2	310.6	1457	50.5	114	0	No Failure	
6305	L53484	L	301.1	310.5	1532	37.5	119	0	No Failure	
6306	M21165	M	301.1	310.5	1603	32.6	121	0	No Failure	
6307	L53486	L	301	310.4	1563	34.4	124	0	No Failure	

6308	L53487	L	301	310.3	1617	34.5	126	0	No Failure	
6309	M21168	M	300.8	310.1	1686	26.9	128	0	No Failure	
6310	L53489	L	300.9	310.2	1382	50.4	131	0	No Failure	
6311	L53490	L	300.9	310.1	2090	17.8	133	0	No Failure	
6312	L53491	L	300.9	310.3	1446	44.5	135	0	No Failure	
6313	M21172	M	300.9	310.2	1533	38.1	137	0	No Failure	
6314	L53493	L	300.9	310.3	1440	47.6	140	0	No Failure	
6315	M21174	M	301	310.4	1793	25	142	0	No Failure	
6316	M21175	M	301	310.4	1517	46.1	145	0	No Failure	
6317	L53496	L	300.9	310.4	1544	36	148	0	No Failure	
6318	L53497	L	300.9	310.3	1321	48.8	150	0	No Failure	
6319	M21178	M	300.9	310.3	1416	50.9	152	0	No Failure	
6320	L53499	L	300.8	310.2	1514	40	155	0	No Failure	
6321	M21180	M	300.8	310.2	1304	52.5	157	0	No Failure	
6322	L53501	L	300.7	310.2	1286	64.9	160	0	No Failure	
6323	M21182	M	300.7	310.1	1483	40.2	162	0	No Failure	
6324	L53503	L	300.7	310.1	1351	46.9	165	0	No Failure	
6325	M21184	M	300.7	310.1	1367	52.6	167	0	No Failure	
6326	L53505	L	300.7	310.1	1721	32.3	170	0	No Failure	
6327	L53506	L	300.6	310	1455	40.4	172	0	No Failure	
6328	L53507	L	300.6	310	1425	49.5	174	0	No Failure	
6329	L53508	L	300.7	310	1672	29.7	176	0	No Failure	
6330	M21189	M	300.7	310	1641	34.6	178	0	No Failure	
6331	M21190	M	300.5	310	1580	37	181	0	No Failure	
6332	H35745	H	300.5	310	1495	47.4	184	0	No Failure	
6333	M21192	M	300.5	309.9	1994	19.8	189	0	No Failure	
6334	M21193	M	300.4	309.9	1415	31.8	192	0	No Failure	
6335	M21194	M	300.4	309.8	1725	30.4	195	0	No Failure	
6336	M21195	M	300.4	309.8	1430	43.4	198	0	No Failure	
6337	L53516	L	300.4	309.8	1395	48.1	201	0	No Failure	
6338	M21197	M	300.4	309.8	1435	43.6	203	0	No Failure	
6339	L53518	L	300.4	309.9	1681	28.6	206	0	No Failure	
6340	L53519	L	300.5	310	1451	48.6	208	0	No Failure	
6341	H35754	H	300.5	309.9	1397	45.9	210	1	Tool Wear Failure	
6342	M21201	M	300.4	309.8	1421	47.2	0	0	No Failure	
6343	M21202	M	300.3	309.8	1444	42	3	0	No Failure	
6344	L53523	L	300.2	309.8	1827	23	6	0	No Failure	
6345	H35758	H	300.2	309.8	1374	47.7	8	0	No Failure	

6346	L53525	L	300.2	309.8	1650	29.6	13	0	No Failure	
6347	L53526	L	300.2	309.7	1275	60.7	15	0	No Failure	
6348	L53527	L	300.2	309.7	1421	44.6	17	0	No Failure	
6349	L53528	L	300.2	309.8	1557	33.8	19	0	No Failure	
6350	L53529	L	300.1	309.8	1506	35.2	21	0	No Failure	
6351	L53530	L	300.1	309.7	1362	49.1	23	0	No Failure	
6352	L53531	L	300	309.7	1542	47.1	25	0	No Failure	
6353	L53532	L	300	309.6	1496	38.8	27	0	No Failure	
6354	M21213	M	300	309.6	1491	42	29	0	No Failure	
6355	L53534	L	300.1	309.6	1565	34.8	32	0	No Failure	
6356	L53535	L	300.1	309.7	1481	37.9	34	0	No Failure	
6357	M21216	M	300.1	309.7	1420	48.4	36	0	No Failure	
6358	L53537	L	300.2	309.8	1398	54.8	39	0	No Failure	
6359	M21218	M	300.2	309.8	1466	45.7	41	0	No Failure	
6360	L53539	L	300.1	309.8	1430	56.7	44	0	No Failure	
6361	L53540	L	300.1	309.7	1441	40.1	46	0	No Failure	
6362	M21221	M	300.1	309.7	1348	57.3	48	0	No Failure	
6363	L53542	L	300	309.6	1738	28.7	51	0	No Failure	
6364	M21223	M	300	309.6	1618	36.2	53	0	No Failure	
6365	M21224	M	299.9	309.6	1489	41.7	56	0	No Failure	
6366	M21225	M	299.9	309.5	1412	57.9	59	0	No Failure	
6367	M21226	M	299.9	309.5	2065	18.1	62	0	No Failure	
6368	L53547	L	300	309.6	1571	33.1	65	0	No Failure	
6369	M21228	M	300	309.6	1423	48.7	67	0	No Failure	
6370	H35783	H	300	309.5	1781	24.9	70	0	No Failure	
6371	L53550	L	300.1	309.6	1321	46.9	75	0	No Failure	
6372	L53551	L	300.1	309.6	1546	36.7	77	0	No Failure	
6373	M21232	M	300	309.5	1879	22.4	79	0	No Failure	
6374	H35787	H	300	309.5	1735	28.9	82	0	No Failure	
6375	L53554	L	300	309.5	1506	38.8	87	0	No Failure	
6376	H35789	H	300	309.6	1629	32.3	89	0	No Failure	
6377	L53556	L	300	309.6	1694	28.7	94	0	No Failure	
6378	L53557	L	300.1	309.6	1541	37	96	0	No Failure	
6379	L53558	L	300	309.6	1514	44.6	98	0	No Failure	
6380	L53559	L	300.1	309.7	1485	45.9	100	0	No Failure	
6381	L53560	L	300.2	309.8	1430	55	102	0	No Failure	
6382	L53561	L	300.2	309.7	1771	27.1	104	0	No Failure	
6383	L53562	L	300.2	309.8	1481	41.9	106	0	No Failure	

6384	H35797	H	300.2	309.7	1483	43.8	108	0	No Failure	
6385	H35798	H	300.1	309.6	1463	45.1	113	0	No Failure	
6386	L53565	L	300.1	309.7	1410	48.3	118	0	No Failure	
6387	L53566	L	300.2	309.7	1656	34.3	120	0	No Failure	
6388	M21247	M	300.2	309.8	1487	39.2	122	0	No Failure	
6389	H35802	H	300.3	309.9	1509	46.6	125	0	No Failure	
6390	H35803	H	300.3	309.9	1677	30.1	130	0	No Failure	
6391	L53570	L	300.3	309.8	1450	55	135	0	No Failure	
6392	M21251	M	300.2	309.7	1413	43	137	0	No Failure	
6393	L53572	L	300.1	309.7	1680	33.8	140	0	No Failure	
6394	L53573	L	300.2	309.7	1678	30.5	142	0	No Failure	
6395	M21254	M	300.2	309.7	1408	44	144	0	No Failure	
6396	M21255	M	300.1	309.6	1376	52.1	147	0	No Failure	
6397	L53576	L	300	309.6	1526	46.4	150	0	No Failure	
6398	M21257	M	300	309.6	1587	32.6	152	0	No Failure	
6399	L53578	L	300.1	309.7	1351	58.2	155	0	No Failure	
6400	M21259	M	300.1	309.6	1501	38	157	0	No Failure	
6401	L53580	L	300.1	309.7	1601	35.8	160	0	No Failure	
6402	M21261	M	300	309.6	1573	39.7	162	0	No Failure	
6403	M21262	M	300.1	309.6	1584	36.7	165	0	No Failure	
6404	L53583	L	300.1	309.6	1649	33.6	168	0	No Failure	
6405	M21264	M	300.2	309.7	1183	61.4	170	0	No Failure	
6406	L53585	L	300.1	309.7	2151	17.5	173	0	No Failure	
6407	L53586	L	300.2	309.8	1526	45.6	175	0	No Failure	
6408	M21267	M	300.3	309.9	1611	29	177	0	No Failure	
6409	L53588	L	300.3	309.9	1601	31.7	180	0	No Failure	
6410	L53589	L	300.3	310	1560	40.8	182	0	No Failure	
6411	L53590	L	300.4	310.1	1544	41.9	184	0	No Failure	
6412	M21271	M	300.4	310	1560	42.3	186	0	No Failure	
6413	L53592	L	300.4	310	1423	44.2	189	0	No Failure	
6414	L53593	L	300.4	310.1	1614	33.5	191	0	No Failure	
6415	M21274	M	300.4	310.1	1457	35.1	193	0	No Failure	
6416	L53595	L	300.4	310.1	1503	42.2	196	0	No Failure	
6417	H35830	H	300.4	310.1	1484	38	198	0	No Failure	
6418	L53597	L	300.3	309.9	1540	39.9	203	0	No Failure	
6419	H35832	H	300.3	309.9	1405	52.1	205	0	No Failure	
6420	H35833	H	300.3	309.9	1394	46.7	210	1	Tool Wear Failure	
6421	L53600	L	300.3	309.9	1518	36.4	0	0	No Failure	

6422	L53601	L	300.3	309.9	1527	41.4	2	0	No Failure	
6423	L53602	L	300.3	309.9	1377	55.3	4	0	No Failure	
6424	M21283	M	300.3	310	1537	37.5	6	0	No Failure	
6425	M21284	M	300.3	310	1409	43.2	9	0	No Failure	
6426	L53605	L	300.3	309.9	1393	56.1	12	0	No Failure	
6427	L53606	L	300.2	309.7	1448	36.8	14	0	No Failure	
6428	L53607	L	300.2	309.8	1418	49.3	16	0	No Failure	
6429	M21288	M	300.2	309.8	1743	24.1	18	0	No Failure	
6430	M21289	M	300.2	309.8	1394	47.4	21	0	No Failure	
6431	L53610	L	300.3	309.8	1523	39.2	24	0	No Failure	
6432	L53611	L	300.2	309.8	1353	59.4	26	0	No Failure	
6433	M21292	M	300.3	309.9	1447	46.5	28	0	No Failure	
6434	L53613	L	300.3	309.9	1570	34	31	0	No Failure	
6435	M21294	M	300.3	309.9	1494	38.5	33	0	No Failure	
6436	L53615	L	300.3	309.9	1621	34.1	36	0	No Failure	
6437	L53616	L	300.4	310	1769	26.1	38	0	No Failure	
6438	L53617	L	300.4	310	1282	66.1	40	0	No Failure	
6439	L53618	L	300.4	310	1581	30.3	42	0	No Failure	
6440	L53619	L	300.6	310.1	1656	32.7	44	0	No Failure	
6441	L53620	L	300.6	310.2	1648	31.7	46	0	No Failure	
6442	L53621	L	300.7	310.2	1639	31.4	48	0	No Failure	
6443	L53622	L	300.7	310.2	1348	54.8	50	0	No Failure	
6444	L53623	L	300.8	310.3	1537	33.3	52	0	No Failure	
6445	M21304	M	300.8	310.3	1270	61	54	0	No Failure	
6446	L53625	L	300.7	310.3	1662	34.4	57	0	No Failure	
6447	M21306	M	300.7	310.3	1471	40.2	59	0	No Failure	
6448	L53627	L	300.6	310.1	1337	45.8	62	0	No Failure	
6449	H35862	H	300.7	310.2	1877	24.8	64	0	No Failure	
6450	L53629	L	300.6	310.2	1519	44.6	69	0	No Failure	
6451	L53630	L	300.6	310.2	1378	47.3	71	0	No Failure	
6452	L53631	L	300.7	310.2	1696	27.5	73	0	No Failure	
6453	L53632	L	300.7	310.1	1376	50.8	75	0	No Failure	
6454	L53633	L	300.7	310.2	1807	24.2	77	0	No Failure	
6455	L53634	L	300.7	310.1	1598	32.8	79	0	No Failure	
6456	L53635	L	300.7	310.1	1565	40.2	81	0	No Failure	
6457	L53636	L	300.7	310.2	1387	50.6	83	0	No Failure	
6458	L53637	L	300.7	310	1395	48	85	0	No Failure	
6459	M21318	M	300.6	310	1302	62.9	87	0	No Failure	

6460	M21319	M	300.6	310	1397	55.2	90	0	No Failure	
6461	L53640	L	300.6	310	1313	52.9	93	0	No Failure	
6462	L53641	L	300.6	310	1505	35.9	95	0	No Failure	
6463	H35876	H	300.6	310	1483	44	97	0	No Failure	
6464	H35877	H	300.5	310	1358	60.4	102	0	No Failure	
6465	M21324	M	300.5	309.9	1735	27	107	0	No Failure	
6466	M21325	M	300.5	309.8	1416	48.5	110	0	No Failure	
6467	L53646	L	300.4	309.7	1740	31.1	113	0	No Failure	
6468	L53647	L	300.4	309.7	1692	27.4	115	0	No Failure	
6469	L53648	L	300.5	309.8	1507	42.5	117	0	No Failure	
6470	M21329	M	300.4	309.6	1521	35	119	0	No Failure	
6471	L53650	L	300.4	309.6	1379	54.5	122	0	No Failure	
6472	L53651	L	300.4	309.6	1523	38.5	124	0	No Failure	
6473	H35886	H	300.4	309.6	1571	33.6	126	0	No Failure	
6474	H35887	H	300.4	309.5	1547	50.7	131	0	No Failure	
6475	M21334	M	300.5	309.7	1347	54.3	136	0	No Failure	
6476	L53655	L	300.5	309.7	1560	30.2	139	0	No Failure	
6477	L53656	L	300.5	309.7	1384	48.6	141	0	No Failure	
6478	L53657	L	300.5	309.7	1841	24.6	143	0	No Failure	
6479	L53658	L	300.5	309.8	1663	29.1	145	1	No Failure	
6480	L53659	L	300.6	309.8	1418	42.7	147	0	No Failure	
6481	L53660	L	300.7	309.9	1775	26.6	149	0	No Failure	
6482	L53661	L	300.7	309.8	1406	48.4	151	0	No Failure	
6483	L53662	L	300.6	309.9	1480	43.7	153	0	No Failure	
6484	L53663	L	300.7	309.9	1412	45.3	155	0	No Failure	
6485	H35898	H	300.6	309.8	1913	22.5	157	0	No Failure	
6486	L53665	L	300.6	309.8	1629	37.6	162	0	No Failure	
6487	L53666	L	300.5	309.8	1939	21.4	164	0	No Failure	
6488	H35901	H	300.6	309.8	1541	36.2	166	0	No Failure	
6489	L53668	L	300.7	309.8	1330	54.4	171	0	No Failure	
6490	M21349	M	300.7	309.8	1490	38.8	173	0	No Failure	
6491	L53670	L	300.7	309.9	1383	44.5	176	0	No Failure	
6492	L53671	L	300.8	310	1468	52.7	178	0	No Failure	
6493	M21352	M	300.8	309.9	1444	46	180	0	No Failure	
6494	L53673	L	300.7	309.8	1363	53.1	183	0	No Failure	
6495	L53674	L	300.6	309.7	1617	33.2	185	0	No Failure	
6496	M21355	M	300.6	309.8	1694	31.1	187	0	No Failure	
6497	L53676	L	300.7	309.9	1815	27	190	0	No Failure	

6498	L53677	L	300.8	309.9	1312	65.3	192	1	Overstrain Failure	
6499	H35912	H	300.8	309.9	2041	19.2	194	0	No Failure	
6500	L53679	L	300.9	310	1671	26.8	199	0	No Failure	
6501	M21360	M	300.9	310	1416	46.6	201	0	No Failure	
6502	M21361	M	300.9	310	1600	36	204	0	No Failure	
6503	L53682	L	300.9	310	2595	13.7	207	0	No Failure	
6504	M21363	M	300.9	309.9	1465	42.9	209	0	No Failure	
6505	M21364	M	301	310.1	1681	27.4	212	0	No Failure	
6506	L53685	L	301.1	310.1	1457	39.6	215	0	No Failure	
6507	H35920	H	301	310.1	1454	44.1	217	0	No Failure	
6508	L53687	L	301	310.1	1558	32.6	0	0	No Failure	
6509	H35922	H	301	310.1	1756	30.7	2	0	No Failure	
6510	L53689	L	301.1	310.1	1564	36.8	7	0	No Failure	
6511	L53690	L	301.1	310.2	1455	55.3	9	0	No Failure	
6512	M21371	M	301.2	310.1	2280	15.7	11	0	No Failure	
6513	M21372	M	301.1	310	1433	48.1	14	0	No Failure	
6514	L53693	L	301.1	310	1513	38	17	0	No Failure	
6515	L53694	L	301	309.9	1507	41.8	19	0	No Failure	
6516	L53695	L	301	310	1480	43.5	21	0	No Failure	
6517	H35930	H	301.1	310	1470	40.1	23	0	No Failure	
6518	L53697	L	301.1	310.1	1540	36.6	28	0	No Failure	
6519	H35932	H	301	310	1212	67.9	30	0	No Failure	
6520	L53699	L	301.1	310.1	1417	46.9	35	0	No Failure	
6521	M21380	M	301.2	310.1	1666	34.9	37	0	No Failure	
6522	L53701	L	301.1	310.1	1666	27.2	40	0	No Failure	
6523	L53702	L	301.1	310.1	1489	45.8	42	0	No Failure	
6524	M21383	M	301.1	310.2	1850	27.7	44	0	No Failure	
6525	L53704	L	301.1	310.4	1874	24.8	47	0	No Failure	
6526	L53705	L	301.1	310.4	1312	73.6	49	1	Power Failure	
6527	L53706	L	301.2	310.4	1515	38.4	51	0	No Failure	
6528	L53707	L	301.2	310.4	1516	44.4	53	0	No Failure	
6529	L53708	L	301.2	310.5	1546	40	55	0	No Failure	
6530	L53709	L	301.3	310.6	1481	40.9	57	0	No Failure	
6531	H35944	H	301.3	310.6	1605	32.5	59	0	No Failure	
6532	H35945	H	301.2	310.7	1656	26.2	64	0	No Failure	
6533	H35946	H	301.2	310.6	1352	52	69	0	No Failure	
6534	L53713	L	301.3	310.7	1504	47.2	74	0	No Failure	
6535	L53714	L	301.3	310.6	1436	44.2	76	0	No Failure	

6536	H35949	H	301.2	310.5	1505	43.6	78	0	No Failure	
6537	L53716	L	301.3	310.5	1406	47.1	83	0	No Failure	
6538	M21397	M	301.3	310.5	1481	39.7	85	0	No Failure	
6539	L53718	L	301.4	310.7	1487	44.6	88	0	No Failure	
6540	L53719	L	301.4	310.7	1436	54.1	90	0	No Failure	
6541	M21400	M	301.4	310.7	1368	63.7	92	1	Power Failure	
6542	L53721	L	301.4	310.7	1509	38.3	95	0	No Failure	
6543	L53722	L	301.4	310.8	1543	36.9	97	0	No Failure	
6544	L53723	L	301.4	310.8	1698	29.6	99	0	No Failure	
6545	M21404	M	301.4	310.7	1470	46.5	101	0	No Failure	
6546	M21405	M	301.4	310.8	1738	30.3	104	0	No Failure	
6547	M21406	M	301.4	310.8	1530	39.9	107	0	No Failure	
6548	L53727	L	301.4	310.8	1740	29.2	110	0	No Failure	
6549	L53728	L	301.4	310.8	1770	24.1	112	0	No Failure	
6550	H35963	H	301.3	310.6	1527	44	114	0	No Failure	
6551	L53730	L	301.3	310.7	1516	46	119	0	No Failure	
6552	L53731	L	301.4	310.7	1616	36.5	121	0	No Failure	
6553	L53732	L	301.4	310.7	1786	26.1	123	0	No Failure	
6554	L53733	L	301.4	310.8	1389	52.7	125	0	No Failure	
6555	M21414	M	301.4	310.7	1639	29.8	127	0	No Failure	
6556	H35969	H	301.5	310.7	1394	46.7	130	0	No Failure	
6557	L53736	L	301.5	310.7	1686	27.9	135	0	No Failure	
6558	M21417	M	301.5	310.6	1638	31.9	137	0	No Failure	
6559	M21418	M	301.5	310.6	1447	41.9	140	0	No Failure	
6560	H35973	H	301.5	310.6	1512	39	143	0	No Failure	
6561	L53740	L	301.6	310.8	1961	21.8	148	0	No Failure	
6562	L53741	L	301.5	310.7	1596	35.4	150	0	No Failure	
6563	M21422	M	301.5	310.7	1871	21.3	152	0	No Failure	
6564	L53743	L	301.5	310.7	1942	20.5	155	0	No Failure	
6565	L53744	L	301.4	310.6	1557	38.2	157	0	No Failure	
6566	L53745	L	301.4	310.6	1550	36.8	159	0	No Failure	
6567	L53746	L	301.3	310.6	1966	22.6	161	0	No Failure	
6568	M21427	M	301.3	310.6	1499	36.1	163	0	No Failure	
6569	L53748	L	301.3	310.6	1521	36.3	166	0	No Failure	
6570	M21429	M	301.4	310.7	1375	42	168	0	No Failure	
6571	L53750	L	301.4	310.6	1634	31.1	171	0	No Failure	
6572	M21431	M	301.3	310.6	1378	49.4	173	0	No Failure	
6573	L53752	L	301.4	310.7	1428	53.7	176	0	No Failure	

6574	M21433	M	301.4	310.6	1855	25.3	178	0	No Failure	
6575	L53754	L	301.4	310.6	1578	33	181	0	No Failure	
6576	M21435	M	301.4	310.5	1451	45.3	183	0	No Failure	
6577	L53756	L	301.5	310.5	1644	34.9	186	0	No Failure	
6578	L53757	L	301.4	310.4	1388	45.3	188	0	No Failure	
6579	L53758	L	301.4	310.4	1543	40.9	190	0	No Failure	
6580	L53759	L	301.3	310.4	1501	41.6	192	0	No Failure	
6581	L53760	L	301.3	310.4	1507	39.1	194	0	No Failure	
6582	L53761	L	301.4	310.4	1559	36	196	0	No Failure	
6583	L53762	L	301.5	310.5	1528	35.7	198	0	No Failure	
6584	M21443	M	301.5	310.5	1503	38.2	200	0	No Failure	
6585	L53764	L	301.5	310.5	1372	44	203	0	No Failure	
6586	M21445	M	301.5	310.5	1600	32.8	205	0	No Failure	
6587	L53766	L	301.5	310.6	1453	44	208	0	No Failure	
6588	M21447	M	301.6	310.7	1813	24.6	210	0	No Failure	
6589	L53768	L	301.6	310.7	1457	40.4	213	0	No Failure	
6590	M21449	M	301.6	310.6	1553	38.9	0	0	No Failure	
6591	L53770	L	301.7	310.7	1763	25.9	3	0	No Failure	
6592	L53771	L	301.7	310.7	2023	20.9	5	0	No Failure	
6593	M21452	M	301.6	310.7	1457	47.8	7	0	No Failure	
6594	L53773	L	301.6	310.7	1679	29.5	10	0	No Failure	
6595	L53774	L	301.6	310.6	2103	19.7	12	0	No Failure	
6596	M21455	M	301.5	310.7	1460	38.6	14	0	No Failure	
6597	M21456	M	301.5	310.7	1454	39.4	17	0	No Failure	
6598	L53777	L	301.5	310.6	1481	46.8	20	0	No Failure	
6599	L53778	L	301.5	310.7	1424	51.1	22	0	No Failure	
6600	L53779	L	301.6	310.7	1494	39.5	24	0	No Failure	
6601	M21460	M	301.5	310.6	1424	47	26	0	No Failure	
6602	M21461	M	301.5	310.7	1347	47.9	29	0	No Failure	
6603	L53782	L	301.5	310.6	1374	46.7	32	0	No Failure	
6604	M21463	M	301.5	310.6	1403	47.4	34	0	No Failure	
6605	M21464	M	301.5	310.6	1573	37.4	37	0	No Failure	
6606	M21465	M	301.6	310.6	1691	30.1	40	0	No Failure	
6607	H36020	H	301.5	310.5	1538	44.3	43	0	No Failure	
6608	L53787	L	301.5	310.5	1556	39.1	48	0	No Failure	
6609	M21468	M	301.5	310.4	1593	36.8	50	0	No Failure	
6610	L53789	L	301.5	310.4	1474	39.9	53	0	No Failure	
6611	L53790	L	301.5	310.4	1543	34	55	0	No Failure	

6612	H36025	H	301.5	310.5	1587	33.8	57	0	No Failure	
6613	L53792	L	301.6	310.6	1222	70	62	0	No Failure	
6614	L53793	L	301.7	310.6	1513	41.1	64	0	No Failure	
6615	L53794	L	301.7	310.6	1660	28.7	66	0	No Failure	
6616	L53795	L	301.7	310.6	1545	42.1	68	0	No Failure	
6617	M21476	M	301.7	310.6	1380	45.8	70	0	No Failure	
6618	L53797	L	301.6	310.6	1321	60.8	73	0	No Failure	
6619	M21478	M	301.6	310.6	1309	65.8	75	1	Power Failure	
6620	M21479	M	301.7	310.7	1627	31.3	78	0	No Failure	
6621	M21480	M	301.6	310.7	1791	23.8	81	0	No Failure	
6622	M21481	M	301.7	310.7	1861	21.8	84	0	No Failure	
6623	L53802	L	301.7	310.7	1493	51.1	87	0	No Failure	
6624	M21483	M	301.7	310.7	1442	41.1	89	0	No Failure	
6625	L53804	L	301.7	310.7	1532	39.8	92	0	No Failure	
6626	M21485	M	301.6	310.7	1421	44.4	94	0	No Failure	
6627	L53806	L	301.6	310.6	1613	42.5	97	0	No Failure	
6628	M21487	M	301.7	310.6	1876	22.1	99	0	No Failure	
6629	L53808	L	301.6	310.5	1593	34.5	102	0	No Failure	
6630	L53809	L	301.6	310.5	1397	49.4	104	0	No Failure	
6631	M21490	M	301.6	310.5	1414	49.3	106	0	No Failure	
6632	M21491	M	301.5	310.4	1378	55.3	109	0	No Failure	
6633	L53812	L	301.4	310.4	1301	51.2	112	0	No Failure	
6634	M21493	M	301.5	310.5	1737	29.3	114	0	No Failure	
6635	L53814	L	301.5	310.5	1396	44.5	117	0	No Failure	
6636	L53815	L	301.5	310.5	1534	39.3	119	0	No Failure	
6637	M21496	M	301.5	310.5	1774	25.5	121	0	No Failure	
6638	H36051	H	301.5	310.5	1453	48	124	0	No Failure	
6639	L53818	L	301.5	310.5	1453	44.2	129	0	No Failure	
6640	L53819	L	301.4	310.5	1380	48.4	131	0	No Failure	
6641	L53820	L	301.4	310.4	1334	43.2	133	0	No Failure	
6642	L53821	L	301.5	310.5	1702	28.7	135	0	No Failure	
6643	L53822	L	301.6	310.6	1431	37.5	137	0	No Failure	
6644	M21503	M	301.5	310.5	1308	60.5	139	0	No Failure	
6645	L53824	L	301.5	310.6	1565	43.9	142	0	No Failure	
6646	M21505	M	301.5	310.4	1486	39.6	144	0	No Failure	
6647	L53826	L	301.5	310.5	1479	34.2	147	0	No Failure	
6648	L53827	L	301.5	310.5	1927	22.4	149	0	No Failure	
6649	L53828	L	301.5	310.4	1488	41.1	151	0	No Failure	

6650	M21509	M	301.5	310.4	1350	54.9	153	0	No Failure	
6651	L53830	L	301.6	310.4	1561	35.3	156	0	No Failure	
6652	M21511	M	301.5	310.4	1276	55.6	158	0	No Failure	
6653	H36066	H	301.5	310.4	1580	35.7	161	0	No Failure	
6654	M21513	M	301.4	310.3	1610	29.1	166	0	No Failure	
6655	L53834	L	301.4	310.3	2203	16.6	169	0	No Failure	
6656	L53835	L	301.4	310.3	1639	32.7	171	0	No Failure	
6657	M21516	M	301.4	310.4	1553	44.7	173	0	No Failure	
6658	L53837	L	301.4	310.3	1374	47.6	176	0	No Failure	
6659	L53838	L	301.4	310.4	1430	50.9	178	0	No Failure	
6660	L53839	L	301.3	310.3	1626	31.3	180	0	No Failure	
6661	H36074	H	301.4	310.5	1421	43.8	182	0	No Failure	
6662	M21521	M	301.3	310.4	1501	39.8	187	0	No Failure	
6663	M21522	M	301.3	310.4	2093	18.7	190	0	No Failure	
6664	L53843	L	301.3	310.4	1504	47.2	193	0	No Failure	
6665	L53844	L	301.3	310.4	1538	38.4	195	0	No Failure	
6666	L53845	L	301.3	310.4	1440	41.5	197	0	No Failure	
6667	L53846	L	301.3	310.4	1414	51.4	199	0	No Failure	
6668	H36081	H	301.4	310.5	1536	39.9	201	0	No Failure	
6669	L53848	L	301.4	310.5	1476	39.2	206	0	No Failure	
6670	L53849	L	301.4	310.5	1571	33.9	208	0	No Failure	
6671	L53850	L	301.5	310.6	1998	20.2	210	0	No Failure	
6672	L53851	L	301.5	310.6	1357	42.1	212	0	No Failure	
6673	L53852	L	301.6	310.7	1424	50.5	214	0	No Failure	
6674	L53853	L	301.6	310.7	1380	51.8	216	1	Overstrain Failure	
6675	L53854	L	301.5	310.7	1618	35.5	218	0	No Failure	
6676	L53855	L	301.5	310.6	1579	28	220	0	No Failure	
6677	L53856	L	301.5	310.7	1423	44	222	0	No Failure	
6678	L53857	L	301.5	310.7	1435	38.5	224	0	No Failure	
6679	M21538	M	301.5	310.7	1336	65.6	0	1	Power Failure	
6680	L53859	L	301.6	310.8	1392	42.4	3	0	No Failure	
6681	L53860	L	301.5	310.8	1417	49.7	5	0	No Failure	
6682	L53861	L	301.4	310.7	1425	45.1	7	0	No Failure	
6683	L53862	L	301.5	310.8	1512	38.9	9	0	No Failure	
6684	L53863	L	301.5	310.9	1318	50.6	11	0	No Failure	
6685	L53864	L	301.6	310.9	1538	40.4	13	0	No Failure	
6686	L53865	L	301.6	310.9	1532	43.6	15	0	No Failure	
6687	L53866	L	301.7	311	1715	24.8	17	0	No Failure	

6688	L53867	L	301.7	311	1700	28.7	19	0	No Failure	
6689	L53868	L	301.7	311	1548	40.3	21	0	No Failure	
6690	L53869	L	301.7	311	1546	43	23	0	No Failure	
6691	L53870	L	301.7	311	1343	49.2	25	0	No Failure	
6692	M21551	M	301.7	311	1510	47.8	27	0	No Failure	
6693	M21552	M	301.8	311	1839	23.6	30	0	No Failure	
6694	M21553	M	301.8	311	1756	26.7	33	0	No Failure	
6695	M21554	M	301.7	310.9	1300	62.7	36	0	No Failure	
6696	M21555	M	301.7	311	1311	55.8	39	0	No Failure	
6697	L53876	L	301.7	310.9	1636	31.3	42	0	No Failure	
6698	L53877	L	301.6	310.9	1643	34.1	44	0	No Failure	
6699	L53878	L	301.6	310.8	1418	44.7	46	0	No Failure	
6700	M21559	M	301.7	310.8	1516	40.4	48	0	No Failure	
6701	H36114	H	301.6	310.9	1419	50.2	51	0	No Failure	
6702	L53881	L	301.6	310.9	1623	34.1	56	0	No Failure	
6703	M21562	M	301.6	310.8	1664	32	58	0	No Failure	
6704	M21563	M	301.5	310.7	1744	28.2	61	0	No Failure	
6705	M21564	M	301.5	310.7	1510	36	64	0	No Failure	
6706	M21565	M	301.5	310.6	1382	58.1	67	0	No Failure	
6707	L53886	L	301.4	310.6	1381	46.1	70	0	No Failure	
6708	L53887	L	301.3	310.6	1556	39	72	0	No Failure	
6709	M21568	M	301.4	310.6	1464	37.4	74	0	No Failure	
6710	L53889	L	301.4	310.6	1481	37.6	77	0	No Failure	
6711	L53890	L	301.5	310.7	1323	49.7	79	0	No Failure	
6712	L53891	L	301.5	310.7	1426	46.1	81	0	No Failure	
6713	H36126	H	301.4	310.7	1516	36.4	83	0	No Failure	
6714	L53893	L	301.3	310.6	1416	45.2	88	0	No Failure	
6715	L53894	L	301.3	310.6	1440	53.8	90	0	No Failure	
6716	L53895	L	301.3	310.6	1576	30.4	92	0	No Failure	
6717	L53896	L	301.3	310.6	1387	53.6	94	0	No Failure	
6718	M21577	M	301.4	310.6	1464	48.6	96	0	No Failure	
6719	L53898	L	301.4	310.6	2137	18	99	0	No Failure	
6720	M21579	M	301.4	310.6	1431	40.6	101	0	No Failure	
6721	L53900	L	301.3	310.6	1458	48	104	0	No Failure	
6722	L53901	L	301.4	310.7	1280	61	106	0	No Failure	
6723	L53902	L	301.4	310.7	1657	28.7	108	0	No Failure	
6724	M21583	M	301.4	310.6	1565	36.1	110	0	No Failure	
6725	L53904	L	301.3	310.6	1560	36.8	113	0	No Failure	

6726	M21585	M	301.5	310.7	1359	47.1	115	0	No Failure	
6727	L53906	L	301.5	310.8	1500	41	118	0	No Failure	
6728	L53907	L	301.5	310.8	1785	25.5	120	0	No Failure	
6729	L53908	L	301.5	310.9	1891	23.2	122	0	No Failure	
6730	H36143	H	301.5	310.9	1524	40.4	124	0	No Failure	
6731	M21590	M	301.6	311	1431	42.3	129	0	No Failure	
6732	L53911	L	301.6	310.9	1385	51.2	132	0	No Failure	
6733	L53912	L	301.7	311	1503	44.8	134	0	No Failure	
6734	M21593	M	301.7	311	1311	46.8	136	0	No Failure	
6735	M21594	M	301.6	310.9	1575	40.1	139	0	No Failure	
6736	L53915	L	301.6	311	1485	40.1	142	0	No Failure	
6737	L53916	L	301.7	311	1527	42.2	144	0	No Failure	
6738	M21597	M	301.7	311	1537	33.5	146	0	No Failure	
6739	H36152	H	301.8	311.1	1463	50.1	149	0	No Failure	
6740	L53919	L	301.7	311.2	1482	43.6	154	0	No Failure	
6741	L53920	L	301.8	311.2	1417	55.9	156	0	No Failure	
6742	M21601	M	301.7	311.1	1506	39.5	158	0	No Failure	
6743	H36156	H	301.7	311.2	1639	30	161	0	No Failure	
6744	L53923	L	301.7	311.2	1418	38	166	0	No Failure	
6745	M21604	M	301.7	311	1298	58.1	168	0	No Failure	
6746	M21605	M	301.8	311.1	1395	44.6	171	0	No Failure	
6747	M21606	M	301.7	311.1	1578	40.5	174	0	No Failure	
6748	M21607	M	301.8	311.1	1597	29.8	177	0	No Failure	
6749	H36162	H	301.7	311	2016	19.3	180	0	No Failure	
6750	L53929	L	301.7	311	1585	35.9	185	0	No Failure	
6751	M21610	M	301.7	311	1505	44	187	0	No Failure	
6752	M21611	M	301.7	311	1505	37.1	190	0	No Failure	
6753	L53932	L	301.6	310.9	1706	29.5	193	0	No Failure	
6754	L53933	L	301.6	310.9	1385	50.7	195	0	No Failure	
6755	L53934	L	301.8	311.1	1495	36.9	197	0	No Failure	
6756	M21615	M	301.8	311.1	1663	31.6	199	0	No Failure	
6757	L53936	L	301.8	311.2	1840	26.6	202	0	No Failure	
6758	L53937	L	301.8	311.2	1822	26.2	204	0	No Failure	
6759	L53938	L	301.7	311.1	1644	32.8	206	0	No Failure	
6760	L53939	L	301.7	311	1441	44.3	208	1	Tool Wear Failure	
6761	L53940	L	301.5	310.9	1451	40.6	0	0	No Failure	
6762	L53941	L	301.5	310.9	1400	50.8	2	0	No Failure	
6763	L53942	L	301.4	310.8	1362	53.2	4	0	No Failure	

6764	M21623	M	301.4	310.8	1782	26.5	6	0	No Failure	
6765	L53944	L	301.4	310.9	1536	38.3	9	0	No Failure	
6766	L53945	L	301.5	310.9	1580	32.3	11	0	No Failure	
6767	M21626	M	301.4	311	1427	43.2	13	0	No Failure	
6768	L53947	L	301.3	310.9	1509	41.7	16	0	No Failure	
6769	H36182	H	301.3	310.8	1434	39.5	18	0	No Failure	
6770	L53949	L	301.2	310.8	1392	52.6	23	0	No Failure	
6771	M21630	M	301.3	310.8	1509	40.1	25	0	No Failure	
6772	M21631	M	301.2	310.7	1962	22.5	28	0	No Failure	
6773	L53952	L	301.3	310.7	1536	39.3	31	0	No Failure	
6774	L53953	L	301.3	310.8	1381	47.9	33	0	No Failure	
6775	H36188	H	301.2	310.7	1747	27.3	35	0	No Failure	
6776	L53955	L	301.2	310.6	1670	30	40	0	No Failure	
6777	L53956	L	301.3	310.6	1451	47.5	42	0	No Failure	
6778	L53957	L	301.2	310.7	1951	21.3	44	0	No Failure	
6779	M21638	M	301.3	310.7	1819	25.5	46	0	No Failure	
6780	M21639	M	301.3	310.8	1372	54.2	49	0	No Failure	
6781	L53960	L	301.3	310.8	1560	38.5	52	0	No Failure	
6782	M21641	M	301.3	310.8	1494	35.3	54	0	No Failure	
6783	L53962	L	301.3	310.8	1531	53.4	57	0	No Failure	
6784	L53963	L	301.3	310.8	1450	46.9	59	0	No Failure	
6785	M21644	M	301.3	310.7	1391	52.5	61	0	No Failure	
6786	L53965	L	301.2	310.6	1389	45.3	64	0	No Failure	
6787	L53966	L	301.2	310.6	1409	50.9	66	0	No Failure	
6788	H36201	H	301.1	310.6	1388	58.5	68	0	No Failure	
6789	M21648	M	301.1	310.6	1410	43.9	73	0	No Failure	
6790	M21649	M	301.1	310.5	1646	30.7	76	0	No Failure	
6791	M21650	M	301.1	310.7	2219	16.7	79	0	No Failure	
6792	L53971	L	301.2	310.7	1551	41.2	82	0	No Failure	
6793	L53972	L	301.2	310.6	1811	24	84	0	No Failure	
6794	L53973	L	301.3	310.7	1608	31.4	86	0	No Failure	
6795	L53974	L	301.3	310.8	1428	55.2	88	0	No Failure	
6796	L53975	L	301.4	310.8	1477	50.4	90	0	No Failure	
6797	M21656	M	301.3	310.7	1300	58.3	92	0	No Failure	
6798	M21657	M	301.2	310.7	1615	34.9	95	0	No Failure	
6799	L53978	L	301.2	310.7	1676	32.4	98	0	No Failure	
6800	M21659	M	301.1	310.7	2636	12.2	100	1	Power Failure	
6801	M21660	M	301.1	310.6	1310	48.8	103	0	No Failure	

6802	L53981	L	301.1	310.7	1334	48.2	106	0	No Failure	
6803	M21662	M	301.1	310.7	1621	31	108	0	No Failure	
6804	M21663	M	301.1	310.7	1367	43.4	111	0	No Failure	
6805	L53984	L	301	310.6	1588	33.7	114	0	No Failure	
6806	M21665	M	301	310.7	1497	37.6	116	0	No Failure	
6807	L53986	L	301.1	310.8	1608	32.9	119	0	No Failure	
6808	L53987	L	301	310.8	1549	41.4	121	0	No Failure	
6809	L53988	L	301	310.7	1391	45	123	0	No Failure	
6810	L53989	L	300.9	310.8	1490	38.1	125	0	No Failure	
6811	L53990	L	301	310.7	1727	34.5	127	0	No Failure	
6812	L53991	L	300.9	310.6	1504	46.4	129	0	No Failure	
6813	L53992	L	300.9	310.6	1350	53.8	131	0	No Failure	
6814	M21673	M	300.9	310.7	1420	43	133	0	No Failure	
6815	H36228	H	300.8	310.6	1465	44.1	136	0	No Failure	
6816	L53995	L	300.9	310.7	1427	44.1	141	0	No Failure	
6817	L53996	L	300.9	310.7	1477	43.2	143	0	No Failure	
6818	M21677	M	301	310.7	1493	48.1	145	0	No Failure	
6819	M21678	M	301	310.7	1657	29.9	148	0	No Failure	
6820	L53999	L	300.9	310.7	1359	46	151	0	No Failure	
6821	L54000	L	300.8	310.6	1551	34.5	153	0	No Failure	
6822	M21681	M	300.8	310.6	1545	37.5	155	0	No Failure	
6823	M21682	M	300.9	310.6	1709	29.2	158	0	No Failure	
6824	M21683	M	300.9	310.7	1268	56.3	161	0	No Failure	
6825	L54004	L	300.9	310.7	1740	25.3	164	0	No Failure	
6826	L54005	L	301	310.9	1828	25.1	166	0	No Failure	
6827	L54006	L	301	310.9	1822	21.6	168	0	No Failure	
6828	M21687	M	301	310.9	1515	41.8	170	0	No Failure	
6829	L54008	L	301	310.9	1392	52.9	173	0	No Failure	
6830	H36243	H	300.9	310.9	1474	35.7	175	0	No Failure	
6831	M21690	M	301	310.9	1359	53.4	180	0	No Failure	
6832	L54011	L	301.1	311	1565	52.3	183	0	No Failure	
6833	M21692	M	301.1	311.1	1384	42.5	185	0	No Failure	
6834	L54013	L	301.1	311.1	1387	53.1	188	0	No Failure	
6835	L54014	L	301.1	311	1378	51.1	190	0	No Failure	
6836	L54015	L	301	310.9	1809	25.7	192	0	No Failure	
6837	H36250	H	301.1	311	1339	52.8	194	0	No Failure	
6838	M21697	M	301	311	1423	38.6	199	0	No Failure	
6839	L54018	L	301.1	311.1	1570	41.6	202	0	No Failure	

6840	L54019	L	301.2	311.2	1558	34.1	204	0	No Failure	
6841	L54020	L	301.1	311.1	1799	21.7	206	0	No Failure	
6842	M21701	M	301.1	311.2	1591	35	208	0	No Failure	
6843	L54022	L	301.2	311.2	1635	29.6	211	0	No Failure	
6844	L54023	L	301.3	311.3	1509	42.5	213	0	No Failure	
6845	M21704	M	301.3	311.4	1838	23.2	215	0	No Failure	
6846	M21705	M	301.3	311.5	1648	32.4	0	0	No Failure	
6847	M21706	M	301.2	311.5	1498	49.5	3	0	No Failure	
6848	L54027	L	301.2	311.4	1757	28	6	0	No Failure	
6849	M21708	M	301.1	311.3	1389	53.3	8	0	No Failure	
6850	L54029	L	301.1	311.3	1498	37.6	11	0	No Failure	
6851	M21710	M	301	311.2	1521	35.8	13	0	No Failure	
6852	M21711	M	301	311.2	1394	41.3	16	0	No Failure	
6853	H36266	H	301	311.2	1602	32.7	19	0	No Failure	
6854	L54033	L	300.9	311.1	1417	40.7	24	0	No Failure	
6855	L54034	L	301	311.2	1511	42.9	26	0	No Failure	
6856	M21715	M	301.1	311.3	1654	30.7	28	0	No Failure	
6857	M21716	M	301.1	311.3	1836	22.8	31	0	No Failure	
6858	L54037	L	301.1	311.3	1622	35.6	34	0	No Failure	
6859	L54038	L	301	311.2	1467	45.4	36	0	No Failure	
6860	M21719	M	301.1	311.3	1909	22.7	38	0	No Failure	
6861	L54040	L	301.1	311.2	1910	20.2	41	0	No Failure	
6862	H36275	H	301.1	311.3	2207	16.6	43	0	No Failure	
6863	M21722	M	301.1	311.2	1384	49.4	48	0	No Failure	
6864	L54043	L	301.1	311.3	1630	29.5	51	0	No Failure	
6865	L54044	L	301.1	311.3	1268	60	53	0	No Failure	
6866	L54045	L	301.1	311.4	1531	38.7	55	0	No Failure	
6867	M21726	M	301	311.3	1454	41.5	57	0	No Failure	
6868	L54047	L	301	311.3	1342	50.9	60	0	No Failure	
6869	L54048	L	301	311.2	1363	46.3	62	0	No Failure	
6870	L54049	L	301	311.2	1412	42.1	64	0	No Failure	
6871	H36284	H	301	311.3	1597	39.2	66	0	No Failure	
6872	L54051	L	301	311.3	1349	47	71	0	No Failure	
6873	L54052	L	301	311.3	1472	35.3	73	0	No Failure	
6874	L54053	L	301	311.4	1478	39.5	75	0	No Failure	
6875	H36288	H	300.9	311.3	1295	58.9	77	0	No Failure	
6876	M21735	M	300.8	311.2	1592	32.9	82	0	No Failure	
6877	L54056	L	300.8	311.2	1430	54.4	85	0	No Failure	

6878	M21737	M	300.8	311.2	1488	40.1	87	0	No Failure	
6879	H36292	H	300.9	311.2	1518	35	90	0	No Failure	
6880	H36293	H	300.8	311.2	2237	17	95	0	No Failure	
6881	M21740	M	300.9	311.3	1801	24.6	100	0	No Failure	
6882	L54061	L	301	311.4	1573	37.6	103	0	No Failure	
6883	L54062	L	300.9	311.4	2073	21.4	105	0	No Failure	
6884	L54063	L	300.9	311.3	1953	19.4	107	0	No Failure	
6885	L54064	L	300.8	311.2	1492	39	109	0	No Failure	
6886	L54065	L	300.8	311.2	1397	48.7	111	0	No Failure	
6887	M21746	M	300.8	311.3	1465	43.2	113	0	No Failure	
6888	L54067	L	300.8	311.3	1782	26.9	116	0	No Failure	
6889	M21748	M	300.9	311.4	1434	45.4	118	0	No Failure	
6890	H36303	H	300.9	311.4	1387	42.7	121	0	No Failure	
6891	M21750	M	300.9	311.4	1532	41.5	126	0	No Failure	
6892	L54071	L	300.9	311.5	1505	41.1	129	0	No Failure	
6893	L54072	L	301	311.6	1440	43.3	131	0	No Failure	
6894	L54073	L	301	311.6	1470	43.4	133	0	No Failure	
6895	L54074	L	301.1	311.7	1408	46.3	135	0	No Failure	
6896	M21755	M	301	311.6	1357	45.6	137	0	No Failure	
6897	M21756	M	301	311.6	1454	40	140	0	No Failure	
6898	L54077	L	301	311.6	1352	63.5	143	0	No Failure	
6899	M21758	M	301	311.6	1448	43.9	145	0	No Failure	
6900	L54079	L	300.9	311.6	1671	33.5	148	0	No Failure	
6901	L54080	L	301	311.7	1670	31.3	150	0	No Failure	
6902	L54081	L	301	311.7	1547	34.5	152	0	No Failure	
6903	L54082	L	301	311.6	1461	40.6	154	0	No Failure	
6904	M21763	M	301	311.6	1609	35.8	156	0	No Failure	
6905	M21764	M	300.9	311.5	1704	31.3	159	0	No Failure	
6906	M21765	M	301	311.5	1550	34.9	162	0	No Failure	
6907	M21766	M	301	311.5	1530	43.9	165	0	No Failure	
6908	L54087	L	300.9	311.3	1449	40.2	168	0	No Failure	
6909	L54088	L	300.9	311.3	1613	32.7	170	0	No Failure	
6910	L54089	L	300.8	311.2	1376	48.1	172	0	No Failure	
6911	L54090	L	300.8	311.2	1434	45.6	174	0	No Failure	
6912	L54091	L	300.8	311.1	1480	41.1	176	0	No Failure	
6913	M21772	M	300.8	311.2	1634	31.9	178	0	No Failure	
6914	L54093	L	300.8	311.2	1481	38.5	181	0	Random Failures	
6915	H36328	H	300.9	311.3	1668	28.9	183	0	No Failure	

6916	L54095	L	301	311.4	1484	36.2	188	0	No Failure	
6917	M21776	M	300.9	311.3	1603	31.8	190	0	No Failure	
6918	L54097	L	301	311.4	1481	37.5	193	0	No Failure	
6919	L54098	L	301	311.5	1559	31.8	195	0	No Failure	
6920	L54099	L	301	311.5	1444	39.8	197	0	No Failure	
6921	M21780	M	301.2	311.6	1423	48	199	0	No Failure	
6922	L54101	L	301.1	311.6	1432	48.1	202	0	No Failure	
6923	L54102	L	301.2	311.7	1463	48.3	204	0	No Failure	
6924	L54103	L	301.2	311.7	1433	49.3	206	0	No Failure	
6925	L54104	L	301.2	311.6	1461	52.9	208	1	Overstrain Failure	
6926	M21785	M	301.1	311.6	1266	55.5	210	0	No Failure	
6927	H36340	H	301.1	311.6	1417	53.4	0	0	No Failure	
6928	L54107	L	301.1	311.6	1488	43.4	5	0	No Failure	
6929	L54108	L	301.1	311.7	1816	24.5	7	0	No Failure	
6930	M21789	M	301	311.6	1301	55	9	0	No Failure	
6931	M21790	M	300.9	311.5	1836	21.8	12	0	No Failure	
6932	M21791	M	300.8	311.4	1521	39.9	15	0	No Failure	
6933	L54112	L	300.8	311.4	1322	67.2	18	1	Power Failure	
6934	L54113	L	300.8	311.4	1492	40.6	20	0	No Failure	
6935	L54114	L	300.8	311.4	1536	40.9	22	0	No Failure	
6936	L54115	L	300.7	311.2	1878	24.3	24	0	No Failure	
6937	L54116	L	300.6	311.1	1471	40.7	26	0	No Failure	
6938	H36351	H	300.6	311.1	1452	40.2	28	0	No Failure	
6939	L54118	L	300.7	311.2	1452	44.4	33	0	No Failure	
6940	M21799	M	300.7	311.3	1348	53	35	0	No Failure	
6941	H36354	H	300.8	311.4	1453	44.6	38	0	No Failure	
6942	L54121	L	300.8	311.4	1316	57.6	43	0	No Failure	
6943	M21802	M	300.8	311.4	1732	26.9	45	0	No Failure	
6944	L54123	L	300.7	311.3	1522	35.2	48	0	No Failure	
6945	M21804	M	300.7	311.3	1487	39.8	50	0	No Failure	
6946	M21805	M	300.8	311.4	1852	22.2	53	0	No Failure	
6947	L54126	L	300.7	311.2	1486	46.8	56	0	No Failure	
6948	M21807	M	300.7	311.3	1562	37.1	58	0	No Failure	
6949	L54128	L	300.7	311.2	1457	51.4	61	0	No Failure	
6950	M21809	M	300.7	311.2	1769	26.5	63	0	No Failure	
6951	H36364	H	300.7	311.3	1374	53.1	66	0	No Failure	
6952	L54131	L	300.8	311.3	1524	43.5	71	0	No Failure	
6953	L54132	L	300.8	311.3	1498	40.2	73	0	No Failure	

6954	L54133	L	300.8	311.3	1462	41.4	75	0	No Failure	
6955	M21814	M	300.8	311.2	1429	52.3	77	0	No Failure	
6956	L54135	L	300.7	311.2	1399	47.9	80	0	No Failure	
6957	M21816	M	300.8	311.2	1434	39.1	82	0	No Failure	
6958	L54137	L	300.7	311.1	1324	52.2	85	0	No Failure	
6959	L54138	L	300.6	311	1563	40.7	87	0	No Failure	
6960	L54139	L	300.6	311	1543	34.7	89	0	No Failure	
6961	L54140	L	300.7	311	1413	52	91	0	Random Failures	
6962	M21821	M	300.7	311	1378	41.2	93	0	No Failure	
6963	M21822	M	300.7	311.1	1373	49.9	96	0	No Failure	
6964	H36377	H	300.7	311	1981	19.9	99	0	No Failure	
6965	M21824	M	300.7	311	1263	52.3	104	0	No Failure	
6966	L54145	L	300.7	311	1312	52.1	107	0	No Failure	
6967	L54146	L	300.7	311	1969	20.7	109	0	No Failure	
6968	M21827	M	300.8	311.2	1365	51.7	111	0	No Failure	
6969	L54148	L	300.9	311.2	1789	25.5	114	0	No Failure	
6970	M21829	M	300.8	311.1	1583	32.1	116	0	No Failure	
6971	L54150	L	300.7	311	1436	44.9	119	0	No Failure	
6972	M21831	M	300.7	311	1559	42.8	121	0	No Failure	
6973	L54152	L	300.7	311	1377	49.9	124	0	No Failure	
6974	L54153	L	300.7	311	1462	41.9	126	0	No Failure	
6975	L54154	L	300.7	311	1318	48.2	128	0	No Failure	
6976	M21835	M	300.7	311	1378	51.6	130	0	No Failure	
6977	L54156	L	300.6	310.9	1344	46.7	133	0	No Failure	
6978	L54157	L	300.7	311.1	2377	14.3	135	0	No Failure	
6979	L54158	L	300.7	311.1	1427	50.3	137	0	No Failure	
6980	L54159	L	300.9	311.2	1353	60.4	139	0	No Failure	
6981	L54160	L	300.8	311.3	1505	45.5	141	0	No Failure	
6982	H36395	H	300.8	311.2	1612	32.5	143	0	No Failure	
6983	L54162	L	300.7	311.1	1440	43	148	0	No Failure	
6984	M21843	M	300.7	311	1334	53.9	150	0	No Failure	
6985	M21844	M	300.7	311	1706	25	153	0	No Failure	
6986	H36399	H	300.8	311.1	1698	24.8	156	0	No Failure	
6987	L54166	L	300.7	311.1	1688	30.7	161	0	No Failure	
6988	L54167	L	300.7	311.1	2437	13.8	163	0	No Failure	
6989	L54168	L	300.7	311.1	1478	46.8	165	0	No Failure	
6990	M21849	M	300.7	311.1	1608	35.3	167	0	No Failure	
6991	L54170	L	300.7	311.1	2478	13.4	170	1	Power Failure	

6992	L54171	L	300.8	311.1	1509	33.4	172	0	No Failure	
6993	L54172	L	300.7	311	1596	36.9	174	0	No Failure	
6994	M21853	M	300.7	311	1740	25.6	176	0	No Failure	
6995	L54174	L	300.6	310.8	1375	53.2	179	0	No Failure	
6996	M21855	M	300.6	310.7	1705	31.2	181	0	No Failure	
6997	M21856	M	300.5	310.6	1621	32	184	0	No Failure	
6998	M21857	M	300.6	310.7	1566	38.2	187	0	No Failure	
6999	M21858	M	300.6	310.7	1388	42.9	190	0	No Failure	
7000	M21859	M	300.6	310.7	1457	36.7	193	0	No Failure	
7001	M21860	M	300.6	310.6	1463	45.5	196	0	No Failure	
7002	L54181	L	300.5	310.5	1564	38.2	199	0	No Failure	
7003	H36416	H	300.5	310.6	1411	47.2	201	0	No Failure	
7004	L54183	L	300.5	310.6	1540	46.7	206	0	No Failure	
7005	L54184	L	300.5	310.6	1950	20.3	208	0	No Failure	
7006	M21865	M	300.6	310.7	1339	52.9	0	0	No Failure	
7007	H36420	H	300.6	310.6	1419	39.6	3	0	No Failure	
7008	L54187	L	300.5	310.6	1499	45.2	8	0	No Failure	
7009	L54188	L	300.5	310.6	1368	49.6	10	0	No Failure	
7010	L54189	L	300.5	310.5	1536	36.2	12	0	No Failure	
7011	M21870	M	300.5	310.5	1469	42.9	14	0	No Failure	
7012	L54191	L	300.5	310.5	2633	12.2	17	1	Power Failure	
7013	L54192	L	300.4	310.4	1298	61.4	19	0	No Failure	
7014	M21873	M	300.4	310.4	1544	36.3	21	0	No Failure	
7015	H36428	H	300.5	310.5	1403	47.7	24	0	No Failure	
7016	L54195	L	300.5	310.5	1452	42.9	29	0	No Failure	
7017	L54196	L	300.6	310.5	1509	43.1	31	0	No Failure	
7018	M21877	M	300.7	310.6	1474	37	33	0	No Failure	
7019	M21878	M	300.7	310.7	1377	46.7	36	0	No Failure	
7020	L54199	L	300.8	310.8	1741	27.1	39	0	No Failure	
7021	L54200	L	300.8	310.8	1460	53.8	41	0	No Failure	
7022	H36435	H	300.7	310.6	1631	32.6	43	0	No Failure	
7023	L54202	L	300.7	310.5	1561	33.2	48	0	No Failure	
7024	M21883	M	300.7	310.6	1572	38.5	50	0	No Failure	
7025	L54204	L	300.6	310.6	2127	18.7	53	0	No Failure	
7026	H36439	H	300.6	310.6	1448	44.7	55	0	No Failure	
7027	L54206	L	300.6	310.7	1543	39.6	60	0	No Failure	
7028	L54207	L	300.6	310.6	1508	34.8	62	0	No Failure	
7029	M21888	M	300.6	310.6	1403	50.4	64	0	No Failure	

7030	L54209	L	300.6	310.6	1454	39.7	67	0	No Failure	
7031	L54210	L	300.7	310.8	1772	27.3	69	0	No Failure	
7032	L54211	L	300.7	310.8	1479	49.1	71	0	No Failure	
7033	L54212	L	300.7	310.9	1723	31	73	0	No Failure	
7034	M21893	M	300.7	310.8	1469	46.4	75	0	No Failure	
7035	H36448	H	300.6	310.6	1830	26.2	78	0	No Failure	
7036	L54215	L	300.6	310.6	1497	38.2	83	0	No Failure	
7037	L54216	L	300.7	310.6	1540	52.7	85	0	No Failure	
7038	L54217	L	300.6	310.6	1514	39.5	87	0	No Failure	
7039	L54218	L	300.7	310.6	1654	34.2	89	0	No Failure	
7040	H36453	H	300.6	310.5	1519	37	91	0	No Failure	
7041	L54220	L	300.7	310.6	1720	30.3	96	0	No Failure	
7042	L54221	L	300.6	310.5	1470	37.7	98	0	No Failure	
7043	L54222	L	300.6	310.5	1642	29.9	100	0	No Failure	
7044	M21903	M	300.7	310.6	2006	19.1	102	0	No Failure	
7045	M21904	M	300.7	310.6	1505	35.6	105	0	No Failure	
7046	M21905	M	300.7	310.6	1609	27.6	108	0	No Failure	
7047	M21906	M	300.7	310.5	1863	22.2	111	0	No Failure	
7048	L54227	L	300.6	310.4	1401	42.6	114	0	No Failure	
7049	L54228	L	300.6	310.4	2007	19.8	116	0	No Failure	
7050	L54229	L	300.6	310.4	1494	47.3	118	0	No Failure	
7051	L54230	L	300.6	310.4	1457	47.7	120	0	No Failure	
7052	L54231	L	300.6	310.4	1556	37.7	122	0	No Failure	
7053	H36466	H	300.6	310.4	1510	42.8	124	0	No Failure	
7054	H36467	H	300.7	310.5	1567	38.7	129	0	No Failure	
7055	H36468	H	300.7	310.5	1476	43.1	134	0	No Failure	
7056	L54235	L	300.8	310.6	1663	30.6	139	0	No Failure	
7057	M21916	M	300.8	310.5	1409	50.6	141	0	No Failure	
7058	L54237	L	300.8	310.6	1666	36.2	144	0	No Failure	
7059	L54238	L	300.7	310.6	1520	45.9	146	0	No Failure	
7060	L54239	L	300.6	310.5	1644	33.8	148	0	No Failure	
7061	H36474	H	300.6	310.4	1479	35.6	150	0	No Failure	
7062	L54241	L	300.6	310.4	1446	49.7	155	0	No Failure	
7063	M21922	M	300.6	310.4	1407	51.1	157	0	No Failure	
7064	L54243	L	300.7	310.4	1234	51.7	160	0	No Failure	
7065	M21924	M	300.8	310.5	1696	29.7	162	0	No Failure	
7066	L54245	L	300.8	310.6	1384	52.9	165	0	No Failure	
7067	M21926	M	300.8	310.7	1572	36.2	167	0	No Failure	

7068	M21927	M	300.8	310.7	1386	42.1	170	0	No Failure	
7069	L54248	L	300.8	310.7	1461	42.8	173	0	No Failure	
7070	L54249	L	300.8	310.7	1525	39.4	175	0	No Failure	
7071	L54250	L	300.7	310.7	1333	61	177	0	No Failure	
7072	H36485	H	300.7	310.6	1505	40.6	179	0	No Failure	
7073	M21932	M	300.7	310.6	1439	41.7	184	0	No Failure	
7074	L54253	L	300.7	310.6	1491	43.2	187	0	No Failure	
7075	M21934	M	300.7	310.6	1488	39.2	189	0	No Failure	
7076	L54255	L	300.7	310.5	1536	47.4	192	0	No Failure	
7077	L54256	L	300.7	310.5	1960	21	194	0	No Failure	
7078	M21937	M	300.7	310.5	1594	31	196	0	No Failure	
7079	L54258	L	300.7	310.5	1357	52.6	199	0	No Failure	
7080	L54259	L	300.7	310.5	1445	41.1	201	0	No Failure	
7081	L54260	L	300.7	310.4	1543	47.3	203	0	No Failure	
7082	L54261	L	300.7	310.4	1366	52.6	205	0	No Failure	
7083	L54262	L	300.7	310.3	1458	40	207	0	No Failure	
7084	L54263	L	300.7	310.4	1416	61.8	209	1	Power Failure	
7085	L54264	L	300.6	310.3	1794	24.4	211	0	No Failure	
7086	L54265	L	300.6	310.3	1484	41	213	0	No Failure	
7087	L54266	L	300.6	310.4	2514	13.4	215	0	No Failure	
7088	L54267	L	300.6	310.3	1648	30.5	217	1	Tool Wear Failure	
7089	M21948	M	300.6	310.3	1614	32.7	0	0	No Failure	
7090	L54269	L	300.6	310.2	1622	34.1	3	0	No Failure	
7091	M21950	M	300.6	310.2	1478	40.1	5	0	No Failure	
7092	L54271	L	300.6	310.2	1318	51	8	0	No Failure	
7093	L54272	L	300.7	310.2	1493	35.9	10	0	No Failure	
7094	H36507	H	300.7	310.3	1369	50.7	12	0	No Failure	
7095	L54274	L	300.6	310.2	1447	45.9	17	0	No Failure	
7096	L54275	L	300.6	310.1	1485	49.9	19	0	No Failure	
7097	L54276	L	300.6	310.2	1489	47.8	21	0	No Failure	
7098	M21957	M	300.6	310.2	1233	52.3	23	0	No Failure	
7099	L54278	L	300.7	310.2	1642	32.6	26	0	No Failure	
7100	M21959	M	300.7	310.2	1373	44.1	28	0	No Failure	
7101	L54280	L	300.7	310.2	1569	32.8	31	0	No Failure	
7102	L54281	L	300.8	310.2	1850	22.8	33	0	No Failure	
7103	M21962	M	300.8	310.3	1494	42.2	35	0	No Failure	
7104	H36517	H	300.8	310.3	1777	30.1	38	0	No Failure	
7105	L54284	L	300.9	310.4	1454	43.1	43	0	No Failure	

7106	L54285	L	300.9	310.4	1536	34.2	45	0	No Failure	
7107	L54286	L	300.8	310.5	1482	39	47	0	No Failure	
7108	H36521	H	300.9	310.5	1512	41.2	49	0	No Failure	
7109	M21968	M	300.8	310.5	1511	35.8	54	0	No Failure	
7110	L54289	L	300.9	310.5	1599	40.5	57	0	No Failure	
7111	M21970	M	300.8	310.4	1518	36	59	0	No Failure	
7112	M21971	M	300.8	310.4	1450	39.4	62	0	No Failure	
7113	L54292	L	300.9	310.4	1427	47	65	0	No Failure	
7114	L54293	L	300.9	310.4	1561	32.7	67	0	No Failure	
7115	H36528	H	300.9	310.4	1457	43.8	69	0	No Failure	
7116	M21975	M	301	310.6	1460	53.6	74	0	No Failure	
7117	L54296	L	301	310.5	1601	33.2	77	0	No Failure	
7118	L54297	L	300.9	310.5	1570	40.1	79	0	No Failure	
7119	L54298	L	300.9	310.5	1565	35.9	81	0	No Failure	
7120	L54299	L	301	310.5	1378	44.4	83	0	No Failure	
7121	L54300	L	300.9	310.5	2288	16.1	85	0	No Failure	
7122	M21981	M	300.9	310.4	1375	44.7	87	0	No Failure	
7123	L54302	L	300.9	310.4	1788	27.8	90	0	No Failure	
7124	M21983	M	300.9	310.4	1576	40.4	92	0	No Failure	
7125	M21984	M	300.8	310.3	1868	24.5	95	0	No Failure	
7126	L54305	L	300.7	310.1	1261	56.6	98	0	No Failure	
7127	M21986	M	300.6	310	1542	33.9	100	0	No Failure	
7128	L54307	L	300.6	310	1438	53.8	103	0	No Failure	
7129	L54308	L	300.6	310	1511	36.9	105	0	No Failure	
7130	L54309	L	300.6	310	1635	31	107	0	No Failure	
7131	L54310	L	300.6	309.9	1428	48.8	109	0	No Failure	
7132	M21991	M	300.5	309.8	1410	44.4	111	0	No Failure	
7133	L54312	L	300.5	309.9	1423	47.9	114	0	No Failure	
7134	M21993	M	300.5	309.9	1552	41.3	116	0	No Failure	
7135	M21994	M	300.5	310	1406	50.2	119	0	No Failure	
7136	L54315	L	300.5	309.9	1443	48.3	122	0	No Failure	
7137	M21996	M	300.5	309.9	1343	63.7	124	0	No Failure	
7138	M21997	M	300.6	310	1486	41.2	127	0	No Failure	
7139	L54318	L	300.6	310.1	1297	50	130	0	No Failure	
7140	L54319	L	300.6	310.1	1495	42.3	132	0	No Failure	
7141	L54320	L	300.5	309.9	1382	46.5	134	0	No Failure	
7142	M22001	M	300.4	309.8	1356	44.4	136	0	No Failure	
7143	H36556	H	300.3	309.7	1452	41.5	139	0	No Failure	

7144	H36557	H	300.3	309.7	1582	30.8	144	0	No Failure	
7145	M22004	M	300.4	309.8	1517	40.3	149	0	No Failure	
7146	L54325	L	300.5	310	1413	44.5	152	0	No Failure	
7147	L54326	L	300.4	309.9	1496	31.8	154	0	No Failure	
7148	L54327	L	300.3	309.8	1466	41.2	156	0	No Failure	
7149	M22008	M	300.3	309.8	1617	40.8	158	0	No Failure	
7150	L54329	L	300.2	309.8	1506	41.8	161	0	No Failure	
7151	L54330	L	300.2	309.8	1401	49.3	163	0	No Failure	
7152	H36565	H	300.2	309.9	1906	22.9	165	0	No Failure	
7153	L54332	L	300.2	309.9	1566	36.4	170	0	No Failure	
7154	L54333	L	300.2	310	1493	47.3	172	0	No Failure	
7155	L54334	L	300.3	310.1	1483	39.9	174	0	No Failure	
7156	M22015	M	300.2	309.9	1569	31.2	176	0	No Failure	
7157	M22016	M	300.2	310	1664	30.7	179	0	No Failure	
7158	L54337	L	300.2	310	1486	40.1	182	0	No Failure	
7159	L54338	L	300.2	310	1389	53.6	184	0	No Failure	
7160	L54339	L	300.1	310	1511	41.7	186	0	No Failure	
7161	M22020	M	300.2	310.1	1485	40.5	188	0	No Failure	
7162	L54341	L	300.2	310.2	1440	42.9	191	0	No Failure	
7163	L54342	L	300.2	310.2	1378	43.9	193	0	No Failure	
7164	M22023	M	300.1	310.1	1501	39.3	195	0	No Failure	
7165	M22024	M	300.2	310.1	1474	44	198	0	No Failure	
7166	L54345	L	300.2	310.1	1392	47.9	201	0	No Failure	
7167	M22026	M	300.3	310.2	1429	44.7	203	0	No Failure	
7168	L54347	L	300.3	310.3	1362	60.3	206	1	Overstrain Failure	
7169	L54348	L	300.3	310.3	1704	29.5	0	0	No Failure	
7170	L54349	L	300.3	310.2	1492	52.3	2	0	No Failure	
7171	M22030	M	300.3	310.2	1442	39.5	4	0	No Failure	
7172	M22031	M	300.2	310.2	1438	51.5	7	0	No Failure	
7173	M22032	M	300.1	310.1	1402	46.6	10	0	No Failure	
7174	L54353	L	300.1	310.1	1684	30.8	13	0	No Failure	
7175	L54354	L	300.2	310.2	1530	48.5	15	0	No Failure	
7176	L54355	L	300.1	310.1	1569	43.5	17	0	No Failure	
7177	L54356	L	300.1	310.1	1650	31.6	19	0	No Failure	
7178	L54357	L	300.2	310.2	1415	49.6	21	0	No Failure	
7179	L54358	L	300.2	310.2	1600	31.5	23	0	No Failure	
7180	L54359	L	300.2	310.1	1523	42.3	25	0	No Failure	
7181	M22040	M	300.2	310.2	1628	30.3	27	0	No Failure	

7182	L54361	L	300.2	310.3	1331	52.1	30	0	No Failure	
7183	L54362	L	300.3	310.3	2158	16.8	32	0	No Failure	
7184	L54363	L	300.2	310.3	1445	50.9	34	0	No Failure	
7185	M22044	M	300.2	310.3	1593	36.1	36	0	No Failure	
7186	L54365	L	300.3	310.4	1672	29.2	39	0	No Failure	
7187	M22046	M	300.4	310.5	1644	31.4	41	0	No Failure	
7188	L54367	L	300.4	310.5	1402	54.3	44	0	No Failure	
7189	L54368	L	300.4	310.4	1286	56.8	46	0	No Failure	
7190	L54369	L	300.4	310.4	1486	46.3	48	0	No Failure	
7191	L54370	L	300.3	310.3	1345	46.3	50	0	No Failure	
7192	L54371	L	300.3	310.3	1629	34.1	52	0	No Failure	
7193	M22052	M	300.2	310.2	1429	43.8	54	0	No Failure	
7194	L54373	L	300.1	310.1	1306	64.7	57	0	No Failure	
7195	L54374	L	300.1	310.1	1380	52.6	59	0	No Failure	
7196	M22055	M	300.1	310.1	1443	49.3	61	0	No Failure	
7197	H36610	H	300.1	310.1	1426	42.7	64	0	No Failure	
7198	L54377	L	300	310	1486	41.8	69	0	No Failure	
7199	M22058	M	300	309.9	1530	34.5	71	0	No Failure	
7200	L54379	L	300	309.9	1507	41.4	74	0	No Failure	
7201	L54380	L	300	309.9	1608	33.4	76	0	No Failure	
7202	L54381	L	300	309.8	1474	40.6	78	0	No Failure	
7203	L54382	L	300	309.7	1326	61.9	80	0	No Failure	
7204	M22063	M	299.8	309.6	1434	48	82	0	No Failure	
7205	L54384	L	299.8	309.6	1526	41.7	85	0	No Failure	
7206	L54385	L	299.8	309.7	1483	39.6	87	0	No Failure	
7207	L54386	L	299.8	309.7	1457	51.9	89	0	No Failure	
7208	M22067	M	299.7	309.6	1540	34.4	91	0	No Failure	
7209	L54388	L	299.8	309.7	1707	29.1	94	0	No Failure	
7210	L54389	L	299.8	309.7	1624	34.2	96	0	No Failure	
7211	M22070	M	299.8	309.6	1331	50.2	98	0	No Failure	
7212	L54391	L	299.8	309.7	1431	40.3	101	0	No Failure	
7213	M22072	M	299.8	309.7	1705	28.5	103	0	No Failure	
7214	M22073	M	299.8	309.8	1427	45.2	106	0	No Failure	
7215	M22074	M	299.9	309.8	1625	41.2	109	0	No Failure	
7216	L54395	L	299.9	309.8	1477	47.7	112	0	No Failure	
7217	M22076	M	300	309.9	1651	28.1	114	0	No Failure	
7218	L54397	L	299.9	309.8	1716	28.2	117	0	No Failure	
7219	H36632	H	299.9	309.8	1400	48.7	119	0	No Failure	

7220	M22079	M	299.8	309.7	1556	37.7	124	0	No Failure	
7221	L54400	L	299.8	309.7	1429	42.6	127	0	No Failure	
7222	H36635	H	299.7	309.6	1433	49.6	129	0	No Failure	
7223	M22082	M	299.8	309.7	1320	61.7	134	0	No Failure	
7224	L54403	L	299.8	309.6	1374	51.6	137	0	No Failure	
7225	L54404	L	299.8	309.6	1598	31	139	0	No Failure	
7226	M22085	M	299.8	309.7	1910	21.8	141	0	No Failure	
7227	L54406	L	299.7	309.6	1399	51.3	144	0	No Failure	
7228	L54407	L	299.7	309.6	1720	27.1	146	0	No Failure	
7229	H36642	H	299.8	309.7	1368	47.4	148	0	No Failure	
7230	L54409	L	299.8	309.8	1749	33.4	153	0	No Failure	
7231	L54410	L	299.8	309.8	1542	39.4	155	0	No Failure	
7232	L54411	L	299.8	309.9	1553	36.6	157	0	No Failure	
7233	M22092	M	299.9	309.9	1639	42.1	159	0	No Failure	
7234	L54413	L	299.9	310	1447	45.9	162	0	No Failure	
7235	M22094	M	299.8	310	1397	48.1	164	0	No Failure	
7236	L54415	L	299.8	310	1361	53.8	167	0	No Failure	
7237	M22096	M	299.8	310	1460	37.1	169	0	No Failure	
7238	M22097	M	299.8	310	1632	33.7	172	0	No Failure	
7239	L54418	L	299.8	310	1697	36	175	0	No Failure	
7240	L54419	L	299.8	310.1	1553	42	177	0	No Failure	
7241	M22100	M	299.9	310.1	1362	56.3	179	0	No Failure	
7242	M22101	M	299.9	310	1484	42.1	182	0	No Failure	
7243	H36656	H	299.9	310.1	1447	51.4	185	0	No Failure	
7244	M22103	M	300	310.2	1393	51.2	190	0	No Failure	
7245	L54424	L	300	310.2	1760	26.9	193	0	No Failure	
7246	L54425	L	300	310.1	1477	34.6	195	0	No Failure	
7247	L54426	L	299.9	310.1	1681	29.1	197	0	No Failure	
7248	M22107	M	300	310.1	1314	53.5	199	0	No Failure	
7249	L54428	L	300	310.1	1762	28	202	0	No Failure	
7250	L54429	L	299.9	310	1402	44.7	204	0	No Failure	
7251	M22110	M	300.1	310.2	1429	42	206	0	No Failure	
7252	M22111	M	300.2	310.3	1448	40.1	209	0	No Failure	
7253	H36666	H	300.2	310.4	1501	42.9	212	0	No Failure	
7254	L54433	L	300.3	310.5	1522	39.1	217	0	No Failure	
7255	L54434	L	300.3	310.4	1493	37.5	219	0	No Failure	
7256	M22115	M	300.2	310.3	1704	29.4	221	0	No Failure	
7257	H36670	H	300.2	310.3	1408	42.5	0	0	No Failure	

7258	L54437	L	300.2	310.4	1518	41.8	5	0	No Failure	
7259	L54438	L	300.3	310.4	1742	25.9	7	0	No Failure	
7260	M22119	M	300.4	310.5	1500	43	9	0	No Failure	
7261	L54440	L	300.4	310.5	2424	14.5	12	0	No Failure	
7262	L54441	L	300.4	310.5	1818	25.1	14	0	No Failure	
7263	M22122	M	300.4	310.6	1545	35.6	16	0	No Failure	
7264	L54443	L	300.4	310.6	1429	46.9	19	0	No Failure	
7265	M22124	M	300.4	310.6	1448	44.9	21	0	No Failure	
7266	L54445	L	300.4	310.6	1384	48.7	24	0	No Failure	
7267	L54446	L	300.4	310.5	1578	32.8	26	0	No Failure	
7268	L54447	L	300.5	310.5	1695	26.7	28	0	No Failure	
7269	L54448	L	300.5	310.6	1543	36.2	30	0	No Failure	
7270	M22129	M	300.4	310.5	1540	33.4	32	0	No Failure	
7271	L54450	L	300.2	310.4	1808	25.8	35	0	No Failure	
7272	M22131	M	300.3	310.4	1293	49.7	37	0	No Failure	
7273	L54452	L	300.2	310.3	1202	59.5	40	0	No Failure	
7274	M22133	M	300.2	310.3	1704	29.2	42	0	No Failure	
7275	M22134	M	300.2	310.3	1478	38.1	45	0	No Failure	
7276	L54455	L	300.2	310.3	1514	38.7	48	0	No Failure	
7277	M22136	M	300.1	310.3	1350	48.8	50	0	No Failure	
7278	L54457	L	300.1	310.2	1475	54.2	53	0	No Failure	
7279	H36692	H	300	310.1	1714	28.7	55	0	No Failure	
7280	L54459	L	300	310.1	1465	40.9	60	0	No Failure	
7281	L54460	L	299.9	310.2	1288	69.6	62	1	Power Failure	
7282	L54461	L	300	310.2	1675	29.7	64	0	No Failure	
7283	L54462	L	300	310.2	1486	36.4	66	0	No Failure	
7284	M22143	M	300	310.2	1443	58.7	68	0	No Failure	
7285	M22144	M	300.1	310.3	1345	57.1	71	0	No Failure	
7286	M22145	M	300.2	310.4	1202	61.7	74	0	No Failure	
7287	M22146	M	300.1	310.4	1480	37.1	77	0	No Failure	
7288	M22147	M	300.2	310.4	1530	35.7	80	0	No Failure	
7289	M22148	M	300.2	310.6	1983	20.8	83	0	No Failure	
7290	L54469	L	300.3	310.6	1433	53.8	86	0	No Failure	
7291	L54470	L	300.3	310.6	1806	24.4	88	0	No Failure	
7292	L54471	L	300.2	310.5	1416	46.7	90	0	No Failure	
7293	M22152	M	300.1	310.4	1556	38.1	92	0	No Failure	
7294	L54473	L	300.1	310.5	1627	29.2	95	0	No Failure	
7295	L54474	L	300.1	310.6	1809	24.3	97	0	No Failure	

7296	M22155	M	300.1	310.5	1329	57.4	99	0	No Failure	
7297	H36710	H	300	310.4	1881	21.9	102	0	No Failure	
7298	L54477	L	300.1	310.5	1500	39.8	107	0	No Failure	
7299	L54478	L	300.1	310.5	1532	36	109	0	No Failure	
7300	L54479	L	300.1	310.5	1492	50.9	111	0	No Failure	
7301	L54480	L	300.2	310.6	1431	42.3	113	0	No Failure	
7302	L54481	L	300.1	310.4	1554	39.4	115	0	No Failure	
7303	L54482	L	300.1	310.5	1494	44.2	117	0	No Failure	
7304	L54483	L	300.1	310.6	1374	45.4	119	0	No Failure	
7305	L54484	L	300.1	310.5	1394	44.3	121	0	No Failure	
7306	M22165	M	300	310.5	1790	25.7	123	0	No Failure	
7307	L54486	L	300.1	310.5	1356	45.8	126	0	No Failure	
7308	M22167	M	300	310.4	1385	52.1	128	0	No Failure	
7309	L54488	L	300	310.4	1333	49.1	131	0	No Failure	
7310	L54489	L	300	310.4	1505	44.9	133	0	No Failure	
7311	L54490	L	300	310.5	1606	33.5	135	0	No Failure	
7312	H36725	H	300	310.5	1558	36.7	137	0	No Failure	
7313	L54492	L	300	310.5	1412	52.4	142	0	No Failure	
7314	L54493	L	299.9	310.4	1408	38.4	144	0	No Failure	
7315	L54494	L	299.9	310.3	1268	53.3	146	0	No Failure	
7316	L54495	L	299.9	310.4	1470	50	148	0	No Failure	
7317	L54496	L	299.9	310.4	1497	47	150	0	No Failure	
7318	L54497	L	299.9	310.3	1638	29.1	152	0	No Failure	
7319	H36732	H	299.9	310.3	1535	43.9	154	0	No Failure	
7320	L54499	L	299.8	310.2	1654	32.7	159	0	No Failure	
7321	H36734	H	299.8	310.2	1411	49.7	161	0	No Failure	
7322	L54501	L	299.8	310.2	1911	23.5	166	0	No Failure	
7323	H36736	H	299.8	310.2	1573	33.3	168	0	No Failure	
7324	L54503	L	299.9	310.2	1479	46.3	173	0	No Failure	
7325	M22184	M	299.9	310.4	1820	26.6	175	0	No Failure	
7326	L54505	L	299.9	310.4	1419	45.7	178	0	No Failure	
7327	M22186	M	299.9	310.5	1335	52.9	180	0	No Failure	
7328	M22187	M	299.9	310.5	1576	39.4	183	0	No Failure	
7329	L54508	L	300	310.5	1517	42.2	186	0	No Failure	
7330	M22189	M	299.9	310.4	1576	34.3	188	0	No Failure	
7331	H36744	H	299.8	310.2	1537	36.6	191	0	No Failure	
7332	L54511	L	299.8	310.3	1524	34.2	196	0	No Failure	
7333	M22192	M	299.8	310.3	1805	23.7	198	0	No Failure	

7334	M22193	M	299.9	310.4	1367	53.3	201	0	No Failure	
7335	L54514	L	299.8	310.4	1694	30.3	204	0	No Failure	
7336	L54515	L	299.9	310.4	1328	49.9	206	0	No Failure	
7337	H36750	H	299.9	310.5	1549	42.8	208	0	No Failure	
7338	L54517	L	299.9	310.5	1539	32.8	213	0	No Failure	
7339	L54518	L	299.8	310.5	1496	38.8	215	0	No Failure	
7340	L54519	L	299.8	310.4	1579	36.4	0	0	No Failure	
7341	L54520	L	299.7	310.3	1386	46.6	2	0	No Failure	
7342	L54521	L	299.7	310.3	1505	37.7	4	0	No Failure	
7343	M22202	M	299.7	310.3	1661	34.5	6	0	No Failure	
7344	L54523	L	299.6	310.2	1468	48	9	0	No Failure	
7345	L54524	L	299.6	310.1	1384	49.8	11	0	No Failure	
7346	L54525	L	299.6	310.2	1381	60.5	13	0	No Failure	
7347	L54526	L	299.6	310.2	1469	47	15	0	No Failure	
7348	L54527	L	299.6	310.2	1627	36.6	17	0	No Failure	
7349	H36762	H	299.7	310.3	1462	40.4	19	0	No Failure	
7350	L54529	L	299.7	310.2	1633	36.5	24	0	No Failure	
7351	L54530	L	299.7	310.2	1469	39.5	26	0	No Failure	
7352	L54531	L	299.7	310.2	1458	43.4	28	0	No Failure	
7353	M22212	M	299.7	310.2	1440	42.8	30	0	No Failure	
7354	L54533	L	299.8	310.3	1687	30.4	33	0	No Failure	
7355	M22214	M	299.7	310.3	1429	47.7	35	0	No Failure	
7356	L54535	L	299.6	310.2	1588	34.1	38	0	No Failure	
7357	L54536	L	299.6	310.2	1333	51.2	40	0	No Failure	
7358	L54537	L	299.6	310.1	1487	42.9	42	0	No Failure	
7359	M22218	M	299.5	310.1	1659	31.5	44	0	No Failure	
7360	M22219	M	299.4	310	1512	43.2	47	0	No Failure	
7361	L54540	L	299.5	310.1	1585	35.2	50	0	No Failure	
7362	L54541	L	299.5	310	1502	38.5	52	0	No Failure	
7363	L54542	L	299.5	310	1594	35.1	54	0	No Failure	
7364	L54543	L	299.5	310	1412	48.9	56	0	No Failure	
7365	L54544	L	299.5	309.9	1402	51.7	58	0	No Failure	
7366	L54545	L	299.6	310.1	2057	20.4	60	0	No Failure	
7367	H36780	H	299.6	310.1	1531	36.8	62	0	No Failure	
7368	M22227	M	299.5	310.1	1359	61.1	67	0	No Failure	
7369	M22228	M	299.6	310.2	1620	30	70	0	No Failure	
7370	M22229	M	299.6	310.1	1646	29.6	73	0	No Failure	
7371	M22230	M	299.6	310.1	1455	46.1	76	0	No Failure	

7372	L54551	L	299.6	310.2	1512	44	79	0	No Failure	
7373	L54552	L	299.6	310.2	1473	42.7	81	0	No Failure	
7374	L54553	L	299.6	310.1	1553	38	83	0	No Failure	
7375	L54554	L	299.5	310	1379	50.4	85	0	No Failure	
7376	M22235	M	299.4	309.9	1567	40.6	87	0	No Failure	
7377	L54556	L	299.5	310	1481	43.1	90	0	No Failure	
7378	L54557	L	299.5	310	1349	52.7	92	0	No Failure	
7379	L54558	L	299.5	310	1388	52.4	94	0	No Failure	
7380	M22239	M	299.6	310.1	1357	48.7	96	0	No Failure	
7381	L54560	L	299.6	310.2	1743	24.8	99	0	No Failure	
7382	L54561	L	299.7	310.3	1495	43.1	101	0	No Failure	
7383	L54562	L	299.8	310.4	1698	28.3	103	0	No Failure	
7384	M22243	M	299.7	310.4	1410	44.5	105	0	No Failure	
7385	L54564	L	299.7	310.4	1614	36.2	108	0	No Failure	
7386	M22245	M	299.8	310.5	1375	53.9	110	0	No Failure	
7387	M22246	M	299.8	310.6	1574	31.8	113	0	No Failure	
7388	H36801	H	299.8	310.6	1423	44.6	116	0	No Failure	
7389	M22248	M	299.8	310.6	1694	31.3	121	0	No Failure	
7390	L54569	L	299.8	310.6	1707	32.5	124	0	No Failure	
7391	M22250	M	299.7	310.5	1490	41.2	126	0	No Failure	
7392	L54571	L	299.7	310.6	1675	31.3	129	0	No Failure	
7393	M22252	M	299.7	310.5	1492	39.3	131	0	No Failure	
7394	M22253	M	299.7	310.5	1594	35.4	134	0	No Failure	
7395	L54574	L	299.7	310.6	1479	38	137	0	No Failure	
7396	M22255	M	299.7	310.6	1572	38	139	0	No Failure	
7397	L54576	L	299.7	310.6	1616	35.1	142	0	No Failure	
7398	L54577	L	299.7	310.6	1737	26.1	144	0	No Failure	
7399	M22258	M	299.7	310.7	1498	37.8	146	0	No Failure	
7400	L54579	L	299.6	310.6	1642	35.1	149	0	No Failure	
7401	M22260	M	299.6	310.6	1633	34.2	151	0	No Failure	
7402	L54581	L	299.8	310.8	1409	51.9	154	0	No Failure	
7403	M22262	M	299.8	310.8	1463	43.5	156	0	No Failure	
7404	L54583	L	299.8	310.8	1376	48.6	159	0	No Failure	
7405	L54584	L	299.8	310.8	1553	32.2	161	0	No Failure	
7406	M22265	M	299.8	310.8	1530	35.2	163	0	No Failure	
7407	L54586	L	299.8	310.9	1545	40.7	166	0	No Failure	
7408	H36821	H	299.8	310.9	1427	47.2	168	0	No Failure	
7409	L54588	L	299.9	310.9	1292	51.1	173	0	No Failure	

7410	L54589	L	299.8	310.9	2084	17.6	175	0	No Failure	
7411	L54590	L	299.9	311	1747	27.6	177	0	No Failure	
7412	L54591	L	300	311.1	1425	47.8	179	0	No Failure	
7413	L54592	L	300	311	1637	33.6	181	0	No Failure	
7414	M22273	M	300.1	311.1	1616	35.2	183	0	No Failure	
7415	L54594	L	300.1	311.1	1619	33.4	186	0	No Failure	
7416	L54595	L	300.1	311.2	1489	39.1	188	0	No Failure	
7417	M22276	M	300.1	311.2	1452	42.4	190	0	No Failure	
7418	M22277	M	300.1	311.3	1495	41	193	0	No Failure	
7419	M22278	M	300.2	311.4	1427	39.7	196	0	No Failure	
7420	L54599	L	300.1	311.4	1572	36.2	199	0	No Failure	
7421	L54600	L	300.1	311.3	1547	40	201	0	No Failure	
7422	M22281	M	300.1	311.4	1342	48.5	203	0	No Failure	
7423	L54602	L	300	311.2	1351	44.1	206	0	No Failure	
7424	L54603	L	300	311.3	1407	47.3	208	0	No Failure	
7425	M22284	M	300.1	311.4	1575	29.8	210	0	No Failure	
7426	M22285	M	300	311.4	1791	24.1	213	0	No Failure	
7427	M22286	M	300	311.4	1692	29	216	1	Tool Wear Failure	
7428	L54607	L	300	311.4	1634	31.9	0	0	No Failure	
7429	M22288	M	300	311.4	1864	23.3	2	0	No Failure	
7430	L54609	L	300	311.4	1590	33.6	5	0	No Failure	
7431	M22290	M	300	311.4	1384	46.1	7	0	No Failure	
7432	M22291	M	300	311.4	1352	61.8	10	0	No Failure	
7433	L54612	L	300.1	311.4	1484	43.1	13	0	No Failure	
7434	M22293	M	300.1	311.4	1913	21.9	15	0	No Failure	
7435	L54614	L	300	311.4	1508	38.2	18	0	No Failure	
7436	L54615	L	299.9	311.3	1504	40.7	20	0	No Failure	
7437	L54616	L	300	311.4	1487	41.2	22	0	No Failure	
7438	L54617	L	299.8	311.3	1727	30	24	0	No Failure	
7439	L54618	L	299.9	311.3	1647	27.5	26	0	No Failure	
7440	L54619	L	300	311.3	1493	41.4	28	0	No Failure	
7441	L54620	L	300	311.4	1655	29.6	30	0	No Failure	
7442	M22301	M	299.9	311.4	1337	54.8	32	0	No Failure	
7443	L54622	L	300	311.5	1601	36.9	35	0	No Failure	
7444	H36857	H	300.1	311.6	1589	37.9	37	0	No Failure	
7445	L54624	L	300.2	311.7	1286	55.1	42	0	No Failure	
7446	L54625	L	300.2	311.7	1553	41.3	44	0	No Failure	
7447	L54626	L	300.2	311.8	1379	51	46	0	No Failure	

7448	M22307	M	300.3	311.9	1677	30.8	48	0	No Failure	
7449	L54628	L	300.3	311.8	1488	38.4	51	0	No Failure	
7450	L54629	L	300.3	311.8	1418	45.9	53	0	No Failure	
7451	L54630	L	300.3	311.8	1451	41	55	0	No Failure	
7452	L54631	L	300.3	311.8	1508	43.1	57	0	No Failure	
7453	L54632	L	300.3	311.7	1579	33.6	59	0	No Failure	
7454	H36867	H	300.3	311.7	1432	47.7	61	0	No Failure	
7455	L54634	L	300.2	311.6	1446	47.3	66	0	No Failure	
7456	M22315	M	300.2	311.7	1597	39.5	68	0	No Failure	
7457	M22316	M	300.2	311.7	1397	50.2	71	0	No Failure	
7458	L54637	L	300.1	311.6	1530	36.6	74	0	No Failure	
7459	M22318	M	300.1	311.6	1433	51.4	76	0	No Failure	
7460	L54639	L	300	311.5	1591	32	79	0	No Failure	
7461	L54640	L	300	311.5	1445	41.6	81	0	No Failure	
7462	L54641	L	300	311.5	1749	28.3	83	0	No Failure	
7463	L54642	L	300	311.3	1703	30.4	85	0	No Failure	
7464	H36877	H	300.1	311.4	1518	46.9	87	0	No Failure	
7465	L54644	L	300.1	311.3	1535	42.3	92	0	No Failure	
7466	M22325	M	300.1	311.4	1390	52.1	94	0	No Failure	
7467	H36880	H	300.3	311.6	1801	23.6	97	0	No Failure	
7468	H36881	H	300.3	311.6	1463	41.6	102	0	No Failure	
7469	L54648	L	300.3	311.6	1560	37.7	107	0	No Failure	
7470	L54649	L	300.3	311.6	1607	33.5	109	0	No Failure	
7471	L54650	L	300.4	311.6	1332	54.6	111	0	No Failure	
7472	L54651	L	300.3	311.7	1365	53.3	113	0	No Failure	
7473	M22332	M	300.3	311.6	1617	32.5	115	0	No Failure	
7474	M22333	M	300.3	311.6	1304	62.8	118	0	No Failure	
7475	L54654	L	300.3	311.7	1989	22.3	121	0	No Failure	
7476	H36889	H	300.3	311.6	1339	53.4	123	0	No Failure	
7477	L54656	L	300.2	311.5	1492	41.8	128	0	No Failure	
7478	M22337	M	300.1	311.3	1518	40.2	130	0	No Failure	
7479	L54658	L	300.1	311.3	1479	39.5	133	0	No Failure	
7480	M22339	M	300.1	311.3	1523	34.1	135	0	No Failure	
7481	M22340	M	300.2	311.4	1570	35.3	138	0	No Failure	
7482	H36895	H	300.2	311.4	1506	36.1	141	0	No Failure	
7483	M22342	M	300.2	311.6	1510	47.5	146	0	No Failure	
7484	L54663	L	300.2	311.6	1671	28.8	149	0	No Failure	
7485	M22344	M	300.3	311.6	1312	53.4	151	0	No Failure	

7486	L54665	L	300.3	311.6	1595	38.8	154	0	No Failure	
7487	L54666	L	300.3	311.7	1635	31.8	156	0	No Failure	
7488	L54667	L	300.3	311.7	1707	33.6	158	0	No Failure	
7489	L54668	L	300.3	311.7	1545	43.5	160	0	Random Failures	
7490	M22349	M	300.2	311.6	1751	28	162	0	No Failure	
7491	M22350	M	300.4	311.8	1707	30	165	0	No Failure	
7492	L54671	L	300.4	311.8	1320	57.9	168	0	No Failure	
7493	M22352	M	300.3	311.7	1319	51.4	170	0	No Failure	
7494	L54673	L	300.2	311.7	1448	54.2	173	0	No Failure	
7495	L54674	L	300.2	311.8	1436	48.2	175	0	No Failure	
7496	L54675	L	300.3	311.9	1609	34	177	0	No Failure	
7497	L54676	L	300.2	311.8	1464	44.5	179	0	No Failure	
7498	M22357	M	300.3	311.8	1483	45.1	181	0	No Failure	
7499	M22358	M	300.2	311.8	1748	28.5	184	0	No Failure	
7500	L54679	L	300.3	311.8	1746	26.3	187	0	No Failure	
7501	L54680	L	300.2	311.8	1410	51.4	189	0	No Failure	
7502	L54681	L	300.2	311.7	1640	30.8	191	0	No Failure	
7503	H36916	H	300.3	311.7	1655	29.9	193	0	No Failure	
7504	M22363	M	300.3	311.7	1646	28.9	198	0	No Failure	
7505	L54684	L	300.4	311.8	1589	42	201	0	No Failure	
7506	L54685	L	300.5	311.9	1546	39.4	203	0	No Failure	
7507	L54686	L	300.5	311.9	1511	41.8	205	0	No Failure	
7508	L54687	L	300.5	311.9	1750	28.3	207	0	No Failure	
7509	M22368	M	300.5	311.9	1730	27.5	209	0	No Failure	
7510	L54689	L	300.6	311.9	1372	60.1	212	1	Overstrain Failure	
7511	L54690	L	300.5	311.8	1524	38.9	214	1	Tool Wear Failure	
7512	L54691	L	300.4	311.8	1601	36.1	0	0	No Failure	
7513	M22372	M	300.5	311.8	1636	34.4	2	0	No Failure	
7514	L54693	L	300.4	311.8	2261	14.9	5	0	No Failure	
7515	L54694	L	300.4	311.8	1636	32.3	7	0	No Failure	
7516	M22375	M	300.4	311.9	1335	58.3	9	0	No Failure	
7517	M22376	M	300.3	311.7	1236	57.5	12	0	No Failure	
7518	L54697	L	300.3	311.7	1445	47.3	15	0	No Failure	
7519	L54698	L	300.2	311.5	1500	40.8	17	0	No Failure	
7520	L54699	L	300.2	311.6	1999	21	19	0	No Failure	
7521	L54700	L	300.2	311.6	1529	35.5	21	0	No Failure	
7522	M22381	M	300.2	311.6	1467	40.7	23	0	No Failure	
7523	L54702	L	300.1	311.5	1334	54	26	0	No Failure	

7524	M22383	M	300.1	311.5	1343	46.2	28	0	No Failure	
7525	L54704	L	300.2	311.5	1639	31.1	31	0	No Failure	
7526	H36939	H	300.1	311.5	1383	49.1	33	0	No Failure	
7527	L54706	L	300.1	311.4	1660	31.4	38	0	No Failure	
7528	L54707	L	300.1	311.3	1470	45.2	40	0	No Failure	
7529	M22388	M	300.1	311.3	1748	26.6	42	0	No Failure	
7530	L54709	L	300.1	311.4	1467	35.7	45	0	No Failure	
7531	M22390	M	300.1	311.4	1617	39.3	47	0	No Failure	
7532	H36945	H	300.1	311.4	1377	56.7	50	0	No Failure	
7533	M22392	M	300	311.3	1629	32.1	55	0	No Failure	
7534	L54713	L	300	311.2	1504	37.9	58	0	No Failure	
7535	L54714	L	300	311.2	1418	47.3	60	0	No Failure	
7536	L54715	L	300	311.2	1629	31.7	62	0	No Failure	
7537	L54716	L	300.1	311.3	2579	12.5	64	1	Power Failure	
7538	L54717	L	300.1	311.3	1305	64.7	66	0	No Failure	
7539	M22398	M	300.2	311.4	1450	38.5	68	0	No Failure	
7540	L54719	L	300.2	311.3	1487	36.9	71	0	No Failure	
7541	M22400	M	300.2	311.3	1587	31.2	73	0	No Failure	
7542	M22401	M	300.3	311.5	1528	40.9	76	0	No Failure	
7543	M22402	M	300.4	311.6	1401	49.9	79	0	No Failure	
7544	L54723	L	300.3	311.5	1446	45	82	0	No Failure	
7545	L54724	L	300.2	311.4	1425	44.2	84	0	No Failure	
7546	L54725	L	300.2	311.4	1891	22.6	86	0	No Failure	
7547	H36960	H	300.2	311.5	1454	42.8	88	0	No Failure	
7548	L54727	L	300.1	311.4	1430	40.9	93	0	No Failure	
7549	L54728	L	300.2	311.4	1495	43.6	95	0	No Failure	
7550	L54729	L	300.3	311.4	1544	41.6	97	0	No Failure	
7551	M22410	M	300.3	311.4	1554	34.3	99	0	No Failure	
7552	M22411	M	300.2	311.3	1491	37.3	102	0	No Failure	
7553	L54732	L	300.3	311.3	1525	40.7	105	0	No Failure	
7554	L54733	L	300.3	311.3	1505	39.6	107	0	No Failure	
7555	M22414	M	300.3	311.4	1371	50.2	109	0	No Failure	
7556	L54735	L	300.3	311.3	1332	60.5	112	0	No Failure	
7557	L54736	L	300.3	311.4	1471	37	114	0	No Failure	
7558	M22417	M	300.4	311.5	1750	27.3	116	0	No Failure	
7559	M22418	M	300.3	311.4	1386	48.1	119	0	No Failure	
7560	M22419	M	300.4	311.4	1355	56.2	122	0	No Failure	
7561	M22420	M	300.3	311.3	1377	53.8	125	0	No Failure	

7562	L54741	L	300.3	311.1	1388	49.4	128	0	No Failure	
7563	M22422	M	300.3	311.1	1350	58.7	130	0	No Failure	
7564	M22423	M	300.4	311.2	1831	23.4	133	0	No Failure	
7565	M22424	M	300.3	311.2	1381	65.2	136	1	Power Failure	
7566	M22425	M	300.3	311.2	1783	25.6	139	0	No Failure	
7567	L54746	L	300.3	311	1613	34.7	142	0	No Failure	
7568	M22427	M	300.2	311	2370	14.7	144	0	No Failure	
7569	L54748	L	300.2	311	1627	33.7	147	0	No Failure	
7570	L54749	L	300.2	311	1255	71.8	149	1	Power Failure	
7571	H36984	H	300.2	311	1777	27.5	151	0	No Failure	
7572	L54751	L	300.3	311.1	1606	30.9	156	0	No Failure	
7573	L54752	L	300.3	311.1	1676	28.6	158	0	No Failure	
7574	L54753	L	300.3	311.1	1605	37.1	160	0	No Failure	
7575	L54754	L	300.4	311.1	1487	37.4	162	0	No Failure	
7576	L54755	L	300.4	311.2	1471	46.5	164	0	No Failure	
7577	M22436	M	300.3	311.1	1477	44.2	166	0	No Failure	
7578	L54757	L	300.4	311.2	1530	32	169	0	No Failure	
7579	L54758	L	300.4	311.2	1673	28.9	171	0	No Failure	
7580	L54759	L	300.4	311.2	1436	56.8	173	0	No Failure	
7581	L54760	L	300.4	311.3	1495	51.2	175	0	No Failure	
7582	M22441	M	300.4	311.2	1366	56.1	177	0	No Failure	
7583	H36996	H	300.4	311.2	1489	45.3	180	0	No Failure	
7584	L54763	L	300.3	311.1	1480	46.6	185	0	No Failure	
7585	L54764	L	300.4	311.2	1472	37.3	187	0	No Failure	
7586	L54765	L	300.4	311.1	1397	50.8	189	0	No Failure	
7587	L54766	L	300.4	311.1	1589	35.5	191	0	No Failure	
7588	L54767	L	300.4	311.1	1405	54.1	193	0	No Failure	
7589	L54768	L	300.4	311.1	2013	20.1	195	0	No Failure	
7590	L54769	L	300.4	311	1802	26	197	0	No Failure	
7591	M22450	M	300.4	311	1433	46.1	199	0	No Failure	
7592	M22451	M	300.5	311.1	1296	61.3	202	1	Overstrain Failure	
7593	M22452	M	300.5	311.2	1551	36.6	205	0	No Failure	
7594	L54773	L	300.5	311.2	1270	67.5	208	1	Overstrain Failure	
7595	L54774	L	300.6	311.3	1531	38.5	0	0	No Failure	
7596	H37009	H	300.5	311.2	1397	45.2	2	0	No Failure	
7597	L54776	L	300.5	311.1	1547	37.2	7	0	No Failure	
7598	L54777	L	300.5	311	2074	18.9	9	0	No Failure	
7599	L54778	L	300.5	311.1	1491	42.6	11	0	No Failure	

7600	L54779	L	300.5	311	1759	28.3	13	0	No Failure	
7601	M22460	M	300.4	311	1595	35.4	15	0	No Failure	
7602	L54781	L	300.4	311.2	1351	62	18	0	No Failure	
7603	L54782	L	300.4	311.2	1705	28.7	20	0	No Failure	
7604	L54783	L	300.4	311.2	1406	43.6	22	0	No Failure	
7605	L54784	L	300.4	311.3	1639	34.6	24	0	No Failure	
7606	H37019	H	300.4	311.3	2026	20.3	26	0	No Failure	
7607	M22466	M	300.4	311.3	1350	56.5	31	0	No Failure	
7608	M22467	M	300.5	311.3	1468	41.1	34	0	No Failure	
7609	L54788	L	300.5	311.4	1642	27.1	37	0	No Failure	
7610	L54789	L	300.5	311.3	1490	41.8	39	0	No Failure	
7611	M22470	M	300.5	311.3	1507	43.4	41	0	No Failure	
7612	L54791	L	300.5	311.4	1611	32.7	44	0	No Failure	
7613	M22472	M	300.5	311.4	1743	27.6	46	0	No Failure	
7614	L54793	L	300.5	311.3	1475	46.3	49	0	No Failure	
7615	L54794	L	300.5	311.4	1432	47.5	51	0	No Failure	
7616	L54795	L	300.5	311.4	1442	47	53	0	No Failure	
7617	M22476	M	300.6	311.4	1468	40.4	55	0	No Failure	
7618	L54797	L	300.5	311.4	1556	45.3	58	0	No Failure	
7619	M22478	M	300.5	311.4	1312	51.4	60	0	No Failure	
7620	L54799	L	300.6	311.5	1459	47	63	0	No Failure	
7621	L54800	L	300.5	311.5	1651	36.9	65	0	No Failure	
7622	L54801	L	300.5	311.5	1490	38.4	67	0	No Failure	
7623	M22482	M	300.6	311.6	1473	31.5	69	0	No Failure	
7624	L54803	L	300.6	311.7	1734	29.9	72	0	No Failure	
7625	L54804	L	300.6	311.7	1507	45.5	74	0	No Failure	
7626	L54805	L	300.6	311.7	1556	34.9	76	0	No Failure	
7627	H37040	H	300.5	311.6	1351	53.5	78	0	No Failure	
7628	L54807	L	300.5	311.7	1445	44.8	83	0	No Failure	
7629	L54808	L	300.5	311.7	1619	32.7	85	0	No Failure	
7630	M22489	M	300.5	311.7	1269	64	87	0	No Failure	
7631	L54810	L	300.5	311.6	1534	37.7	90	0	No Failure	
7632	L54811	L	300.5	311.6	1444	49.3	92	0	No Failure	
7633	L54812	L	300.5	311.6	1744	26.8	94	0	No Failure	
7634	L54813	L	300.4	311.5	1441	44.6	96	0	No Failure	
7635	M22494	M	300.3	311.3	1506	40.7	98	0	No Failure	
7636	L54815	L	300.3	311.4	1526	38.5	101	0	No Failure	
7637	L54816	L	300.4	311.5	1704	29.7	103	0	No Failure	

7638	H37051	H	300.4	311.4	1445	52.4	105	0	No Failure	
7639	L54818	L	300.5	311.5	1661	35.9	110	0	No Failure	
7640	L54819	L	300.5	311.4	1466	41.8	112	0	No Failure	
7641	L54820	L	300.4	311.3	1608	35.1	114	0	No Failure	
7642	M22501	M	300.4	311.4	1352	57.3	116	0	No Failure	
7643	M22502	M	300.4	311.4	1604	31.7	119	0	No Failure	
7644	H37057	H	300.4	311.4	1427	50.7	122	0	No Failure	
7645	L54824	L	300.4	311.4	1424	44.6	127	0	No Failure	
7646	L54825	L	300.4	311.4	1662	29.3	129	0	No Failure	
7647	L54826	L	300.4	311.4	1936	23.9	131	0	No Failure	
7648	L54827	L	300.4	311.4	1728	31.7	133	0	No Failure	
7649	L54828	L	300.4	311.4	1552	28.8	135	0	No Failure	
7650	H37063	H	300.4	311.5	1662	29	137	0	No Failure	
7651	L54830	L	300.3	311.4	1343	57.7	142	0	No Failure	
7652	M22511	M	300.4	311.5	1476	32.6	144	0	No Failure	
7653	L54832	L	300.3	311.4	1346	51.1	147	0	No Failure	
7654	L54833	L	300.4	311.5	1492	44.6	149	0	No Failure	
7655	M22514	M	300.3	311.5	1540	41.5	151	0	No Failure	
7656	L54835	L	300.4	311.5	1596	32.5	154	0	No Failure	
7657	L54836	L	300.5	311.6	1541	47.8	156	0	No Failure	
7658	L54837	L	300.5	311.6	1661	30	158	0	No Failure	
7659	M22518	M	300.4	311.6	1359	55.4	160	0	No Failure	
7660	L54839	L	300.5	311.6	1528	42.4	163	0	No Failure	
7661	M22520	M	300.5	311.6	1246	52.9	165	0	No Failure	
7662	L54841	L	300.5	311.6	1575	32.5	168	0	No Failure	
7663	M22522	M	300.5	311.6	1658	30.4	170	0	No Failure	
7664	L54843	L	300.5	311.6	1385	54.8	173	0	No Failure	
7665	H37078	H	300.5	311.7	1454	50.3	175	0	No Failure	
7666	L54845	L	300.5	311.6	1497	40.5	180	0	No Failure	
7667	M22526	M	300.6	311.7	1424	50.8	182	0	No Failure	
7668	L54847	L	300.6	311.7	1528	43.9	185	0	No Failure	
7669	L54848	L	300.6	311.8	1539	37	187	0	No Failure	
7670	L54849	L	300.7	311.8	1336	58.4	189	1	Overstrain Failure	
7671	L54850	L	300.5	311.6	1525	37.6	191	0	No Failure	
7672	M22531	M	300.5	311.6	1456	51.1	193	0	No Failure	
7673	M22532	M	300.5	311.7	2141	17.2	196	0	No Failure	
7674	M22533	M	300.5	311.6	1476	39.1	199	0	No Failure	
7675	L54854	L	300.5	311.6	1509	47.2	202	0	No Failure	

7676	L54855	L	300.5	311.6	1447	45.4	204	0	No Failure	
7677	L54856	L	300.6	311.7	1448	49.1	206	0	No Failure	
7678	L54857	L	300.6	311.7	1428	52.6	208	0	No Failure	
7679	M22538	M	300.6	311.7	1389	52.1	210	0	No Failure	
7680	L54859	L	300.7	311.7	1635	32.4	213	0	No Failure	
7681	L54860	L	300.7	311.7	1395	43.7	215	0	No Failure	
7682	L54861	L	300.7	311.8	1443	43.7	217	0	No Failure	
7683	M22542	M	300.7	311.7	1412	49.1	219	0	No Failure	
7684	L54863	L	300.7	311.7	1524	43.5	222	0	No Failure	
7685	M22544	M	300.7	311.8	1407	42.4	224	0	No Failure	
7686	L54865	L	300.8	311.7	1397	43.5	227	0	No Failure	
7687	M22546	M	300.7	311.7	1504	36.9	229	0	No Failure	
7688	M22547	M	300.7	311.7	2097	18.9	232	1	Tool Wear Failure	
7689	L54868	L	300.6	311.7	1553	39.8	0	0	No Failure	
7690	L54869	L	300.6	311.7	1432	39.2	2	0	No Failure	
7691	M22550	M	300.5	311.6	1577	36.5	4	0	No Failure	
7692	M22551	M	300.5	311.5	1370	56.1	7	0	No Failure	
7693	H37106	H	300.5	311.6	1506	36.2	10	0	No Failure	
7694	L54873	L	300.6	311.6	1964	21.4	15	0	No Failure	
7695	H37108	H	300.6	311.7	1500	36.7	17	0	No Failure	
7696	L54875	L	300.6	311.7	1488	47.7	22	0	No Failure	
7697	H37110	H	300.6	311.5	1282	60.2	24	0	No Failure	
7698	L54877	L	300.5	311.4	1400	45.1	29	0	No Failure	
7699	L54878	L	300.6	311.5	1419	38.6	31	0	No Failure	
7700	M22559	M	300.7	311.5	1441	40.6	33	0	No Failure	
7701	M22560	M	300.7	311.6	1348	62.5	36	0	No Failure	
7702	H37115	H	300.8	311.7	1468	38.7	39	0	No Failure	
7703	M22562	M	300.7	311.7	1701	30.8	44	0	No Failure	
7704	H37117	H	300.7	311.7	1864	23.6	47	0	No Failure	
7705	M22564	M	300.6	311.6	1630	31.8	52	0	No Failure	
7706	L54885	L	300.5	311.5	1316	49.7	55	0	No Failure	
7707	L54886	L	300.5	311.5	1708	31.2	57	0	No Failure	
7708	H37121	H	300.5	311.4	1679	27.5	59	0	No Failure	
7709	L54888	L	300.5	311.4	1709	32.3	64	0	No Failure	
7710	L54889	L	300.5	311.4	1445	41.5	66	0	No Failure	
7711	M22570	M	300.5	311.4	1390	51.9	68	0	No Failure	
7712	L54891	L	300.4	311.4	1309	55.5	71	0	No Failure	
7713	L54892	L	300.5	311.5	1499	37.6	73	0	No Failure	

7714	M22573	M	300.5	311.4	2072	18.8	75	0	No Failure	
7715	L54894	L	300.5	311.5	1487	43	78	0	No Failure	
7716	L54895	L	300.5	311.5	1302	49.6	80	0	No Failure	
7717	M22576	M	300.5	311.5	1378	48.2	82	0	No Failure	
7718	L54897	L	300.5	311.6	1365	53	85	0	No Failure	
7719	H37132	H	300.6	311.7	1427	44.6	87	0	No Failure	
7720	H37133	H	300.6	311.7	1535	33.3	92	0	No Failure	
7721	H37134	H	300.5	311.6	1476	41.7	97	0	No Failure	
7722	L54901	L	300.5	311.6	1425	42.4	102	0	No Failure	
7723	L54902	L	300.5	311.7	1409	54.7	104	0	No Failure	
7724	L54903	L	300.5	311.6	1730	30.2	106	0	No Failure	
7725	M22584	M	300.5	311.6	1454	41.4	108	0	No Failure	
7726	L54905	L	300.6	311.7	1744	26.9	111	0	No Failure	
7727	M22586	M	300.8	311.9	1761	29	113	0	No Failure	
7728	M22587	M	300.7	311.9	1657	30.9	116	0	No Failure	
7729	L54908	L	300.7	311.8	1420	47	119	0	No Failure	
7730	H37143	H	300.7	311.9	1329	59.2	121	0	No Failure	
7731	L54910	L	300.6	311.9	1472	44.2	126	0	No Failure	
7732	L54911	L	300.6	312	1566	30.1	128	0	No Failure	
7733	L54912	L	300.6	312	1430	42.7	130	0	No Failure	
7734	L54913	L	300.6	312	1481	40.9	132	0	No Failure	
7735	L54914	L	300.6	312	1670	29.4	134	0	No Failure	
7736	L54915	L	300.6	312	1406	55.1	136	0	No Failure	
7737	H37150	H	300.6	312.1	1354	46.9	138	0	No Failure	
7738	M22597	M	300.5	312	1985	19.3	143	0	No Failure	
7739	M22598	M	300.5	312	1263	60.8	146	0	No Failure	
7740	L54919	L	300.5	311.9	1576	31.1	149	0	No Failure	
7741	L54920	L	300.5	312	1453	45.1	151	0	No Failure	
7742	L54921	L	300.5	312	1478	39	153	0	No Failure	
7743	M22602	M	300.5	311.9	1323	57.9	155	0	No Failure	
7744	L54923	L	300.5	311.9	1710	28.4	158	0	No Failure	
7745	L54924	L	300.4	311.7	1314	59.5	160	0	No Failure	
7746	L54925	L	300.4	311.7	1460	39.6	162	0	No Failure	
7747	M22606	M	300.4	311.7	1508	45.4	164	0	No Failure	
7748	M22607	M	300.5	311.8	1331	55.3	167	0	No Failure	
7749	L54928	L	300.4	311.7	1515	47.4	170	0	No Failure	
7750	L54929	L	300.4	311.6	1674	33	172	0	No Failure	
7751	L54930	L	300.4	311.7	1444	51.2	174	0	No Failure	

7752	M22611	M	300.4	311.7	1398	42.6	176	0	No Failure	
7753	M22612	M	300.4	311.7	1832	24.2	179	0	No Failure	
7754	M22613	M	300.5	311.8	1591	42	182	0	No Failure	
7755	M22614	M	300.4	311.7	1478	39.9	185	0	No Failure	
7756	M22615	M	300.4	311.8	1362	47.6	188	0	No Failure	
7757	L54936	L	300.5	311.8	1368	57.9	191	1	Overstrain Failure	
7758	M22617	M	300.3	311.7	1723	28.3	193	0	No Failure	
7759	L54938	L	300.4	311.8	1689	30.8	196	0	No Failure	
7760	L54939	L	300.4	311.8	1272	59.2	198	1	Overstrain Failure	
7761	M22620	M	300.4	311.7	1511	33	200	0	No Failure	
7762	H37175	H	300.4	311.6	1715	30.8	203	0	No Failure	
7763	M22622	M	300.3	311.5	1400	43.8	0	0	No Failure	
7764	L54943	L	300.4	311.6	1200	76.6	3	1	Power Failure	
7765	M22624	M	300.4	311.7	1555	38.7	5	0	No Failure	
7766	H37179	H	300.3	311.6	1427	56.2	8	0	No Failure	
7767	L54946	L	300.3	311.4	1318	52.7	13	0	No Failure	
7768	H37181	H	300.2	311.4	1319	54.6	15	0	No Failure	
7769	M22628	M	300.2	311.4	1960	20.9	20	0	No Failure	
7770	L54949	L	300.3	311.5	1552	38.9	23	0	No Failure	
7771	L54950	L	300.3	311.5	1548	32.2	25	0	No Failure	
7772	L54951	L	300.3	311.6	1709	29.5	27	0	No Failure	
7773	H37186	H	300.3	311.5	1464	41	29	0	No Failure	
7774	L54953	L	300.3	311.4	1759	24.8	34	0	No Failure	
7775	L54954	L	300.3	311.5	1634	31.9	36	0	No Failure	
7776	L54955	L	300.3	311.5	1663	33.6	38	0	No Failure	
7777	M22636	M	300.3	311.5	1445	47.3	40	0	No Failure	
7778	L54957	L	300.3	311.5	1695	25.6	43	0	No Failure	
7779	L54958	L	300.4	311.6	1517	39	45	0	No Failure	
7780	L54959	L	300.5	311.7	1811	26.8	47	0	No Failure	
7781	L54960	L	300.4	311.6	1815	23.5	49	0	No Failure	
7782	L54961	L	300.4	311.7	1513	40	51	0	No Failure	
7783	M22642	M	300.4	311.6	1518	36.4	53	0	No Failure	
7784	L54963	L	300.3	311.5	1667	28.8	56	0	No Failure	
7785	L54964	L	300.3	311.5	1403	60.1	58	0	No Failure	
7786	L54965	L	300.2	311.5	1383	42.1	60	0	No Failure	
7787	L54966	L	300.3	311.5	1466	46.2	62	0	No Failure	
7788	L54967	L	300.3	311.5	1378	47.5	64	0	No Failure	
7789	M22648	M	300.2	311.5	1547	40.9	66	0	No Failure	

7790	L54969	L	300.2	311.5	1495	38.5	69	0	No Failure	
7791	L54970	L	300.1	311.4	1729	29.3	71	0	No Failure	
7792	L54971	L	300.1	311.4	1418	47.7	73	0	No Failure	
7793	H37206	H	300.1	311.4	1485	40.4	75	0	No Failure	
7794	L54973	L	300.1	311.5	1434	40.8	80	0	No Failure	
7795	M22654	M	300.2	311.6	1415	55.8	82	0	No Failure	
7796	H37209	H	300.1	311.6	1674	29.6	85	0	No Failure	
7797	L54976	L	300.1	311.5	1454	52.4	90	0	No Failure	
7798	L54977	L	300	311.4	1476	39	92	0	No Failure	
7799	L54978	L	300	311.5	1812	28.3	94	0	No Failure	
7800	L54979	L	300	311.4	1374	41.9	96	0	No Failure	
7801	M22660	M	300.1	311.4	1524	40.6	98	0	No Failure	
7802	L54981	L	300	311.4	1383	49.6	101	0	No Failure	
7803	L54982	L	299.9	311.3	1429	58.2	103	0	No Failure	
7804	M22663	M	299.8	311.3	1517	41.2	105	0	No Failure	
7805	M22664	M	299.9	311.4	1480	44.9	108	0	No Failure	
7806	L54985	L	299.9	311.4	1706	28.8	111	0	No Failure	
7807	L54986	L	300	311.5	1349	48.6	113	0	No Failure	
7808	M22667	M	300	311.5	1451	49	115	0	No Failure	
7809	L54988	L	299.9	311.4	1627	36.7	118	0	No Failure	
7810	M22669	M	300	311.4	1537	35.4	120	0	No Failure	
7811	L54990	L	300.1	311.5	2218	17	123	0	No Failure	
7812	M22671	M	300	311.4	1466	39	125	0	No Failure	
7813	L54992	L	300	311.5	1666	32	128	0	No Failure	
7814	L54993	L	300	311.5	1455	41.7	130	0	No Failure	
7815	L54994	L	300	311.4	1927	24.6	132	0	No Failure	
7816	M22675	M	299.9	311.3	1703	28.4	134	0	No Failure	
7817	L54996	L	299.8	311.2	1533	35.9	137	0	No Failure	
7818	H37231	H	299.8	311.3	1785	25.4	139	0	No Failure	
7819	L54998	L	299.8	311.2	2142	16.6	144	0	No Failure	
7820	L54999	L	299.8	311.2	1369	46.2	146	0	No Failure	
7821	M22680	M	299.8	311.2	1706	29.2	148	0	No Failure	
7822	L55001	L	299.9	311.3	1802	24.4	151	0	No Failure	
7823	H37236	H	299.9	311.3	1413	41.8	153	0	No Failure	
7824	L55003	L	300	311.3	1484	53.2	158	0	No Failure	
7825	L55004	L	299.9	311.3	1535	38.1	160	0	No Failure	
7826	M22685	M	299.9	311.2	1579	35.5	162	0	No Failure	
7827	L55006	L	299.8	311.1	1300	64.2	165	0	No Failure	

7828	M22687	M	299.8	311.1	1452	44.3	167	0	No Failure	
7829	M22688	M	299.8	311.1	1562	35.7	170	0	No Failure	
7830	L55009	L	299.8	311.2	1664	28.3	173	0	No Failure	
7831	H37244	H	299.9	311.2	1495	35.8	175	0	No Failure	
7832	M22691	M	300	311.4	1533	42.6	180	0	No Failure	
7833	L55012	L	300	311.4	1484	37	183	0	No Failure	
7834	L55013	L	300	311.4	1604	38.7	185	0	No Failure	
7835	L55014	L	300	311.4	1483	45.6	187	0	No Failure	
7836	L55015	L	300.1	311.5	1549	34.7	189	0	No Failure	
7837	L55016	L	300.1	311.4	1604	35	191	0	No Failure	
7838	L55017	L	300.2	311.5	1685	31	193	0	No Failure	
7839	L55018	L	300.2	311.6	1372	49.2	195	0	No Failure	
7840	L55019	L	300.3	311.6	1374	47.4	197	0	No Failure	
7841	L55020	L	300.2	311.6	1606	31	199	0	No Failure	
7842	L55021	L	300.1	311.5	1471	47.2	201	0	No Failure	
7843	L55022	L	300.1	311.5	1659	31.1	203	0	No Failure	
7844	M22703	M	300.1	311.7	1400	48.5	205	0	No Failure	
7845	L55024	L	300.1	311.7	1503	42.6	208	0	No Failure	
7846	L55025	L	300.2	311.8	1798	23.2	210	0	No Failure	
7847	M22706	M	300.2	311.6	1608	35	212	0	No Failure	
7848	L55027	L	300.2	311.6	1322	50.9	215	0	No Failure	
7849	H37262	H	300.2	311.6	1547	37.7	217	0	No Failure	
7850	M22709	M	300.3	311.7	1374	47.9	222	1	Tool Wear Failure	
7851	M22710	M	300.3	311.7	1447	36.8	0	0	No Failure	
7852	L55031	L	300.4	311.7	1373	47.2	3	0	No Failure	
7853	L55032	L	300.3	311.7	1515	37.5	5	0	No Failure	
7854	L55033	L	300.3	311.7	1317	56.5	7	0	No Failure	
7855	L55034	L	300.3	311.8	1551	37.2	9	0	No Failure	
7856	M22715	M	300.3	311.8	1592	32.1	11	0	No Failure	
7857	L55036	L	300.4	311.8	1433	42.2	14	0	No Failure	
7858	L55037	L	300.5	311.9	1432	43.1	16	0	No Failure	
7859	L55038	L	300.5	311.9	1350	51.7	18	0	No Failure	
7860	M22719	M	300.5	311.9	1370	44.8	20	0	No Failure	
7861	L55040	L	300.5	312	1415	44.6	23	0	No Failure	
7862	L55041	L	300.5	312	1498	42.9	25	0	No Failure	
7863	M22722	M	300.5	312	1382	54.1	27	0	No Failure	
7864	M22723	M	300.5	311.9	1511	44.5	30	0	No Failure	
7865	L55044	L	300.5	311.9	1330	59.5	33	0	No Failure	

7866	L55045	L	300.5	311.9	1383	50.5	35	0	No Failure	
7867	L55046	L	300.5	311.9	1431	49.4	37	0	No Failure	
7868	L55047	L	300.5	312	1461	38.1	39	0	No Failure	
7869	H37282	H	300.4	311.9	1438	46.7	41	0	Random Failures	
7870	M22729	M	300.5	312	1779	27.7	46	0	No Failure	
7871	M22730	M	300.6	312.1	1293	52.3	49	0	No Failure	
7872	L55051	L	300.6	312.2	1308	54.7	52	0	No Failure	
7873	L55052	L	300.6	312.3	1532	37.2	54	0	No Failure	
7874	L55053	L	300.7	312.4	1470	38.6	56	0	No Failure	
7875	L55054	L	300.7	312.3	1548	37.9	58	0	No Failure	
7876	L55055	L	300.7	312.3	1898	24	60	0	No Failure	
7877	H37290	H	300.7	312.2	1335	49	62	0	No Failure	
7878	L55057	L	300.7	312.3	1420	53.8	67	0	No Failure	
7879	L55058	L	300.7	312.3	1418	49	69	0	No Failure	
7880	M22739	M	300.8	312.3	1535	40.3	71	0	No Failure	
7881	H37294	H	300.7	312.4	1457	47.2	74	0	No Failure	
7882	L55061	L	300.8	312.4	1493	39.1	79	0	No Failure	
7883	H37296	H	300.7	312.3	1670	27.3	81	0	No Failure	
7884	H37297	H	300.7	312.3	1446	45.4	86	0	No Failure	
7885	L55064	L	300.8	312.4	1465	59.1	91	1	Power Failure	
7886	L55065	L	300.7	312.3	1590	36.3	93	0	No Failure	
7887	M22746	M	300.6	312.2	2174	18.5	95	0	No Failure	
7888	L55067	L	300.7	312.4	1590	37.9	98	0	No Failure	
7889	L55068	L	300.7	312.3	1577	33.2	100	0	No Failure	
7890	M22749	M	300.7	312.4	1371	61.7	102	0	No Failure	
7891	L55070	L	300.8	312.4	1767	25.6	105	0	No Failure	
7892	L55071	L	300.8	312.5	1517	39.2	107	0	No Failure	
7893	M22752	M	300.9	312.6	1555	40.6	109	0	No Failure	
7894	L55073	L	300.9	312.7	1416	43.8	112	0	No Failure	
7895	M22754	M	300.8	312.6	1588	35.6	114	0	No Failure	
7896	L55075	L	300.8	312.6	1422	50	117	0	No Failure	
7897	L55076	L	300.8	312.6	1376	53.6	119	0	No Failure	
7898	L55077	L	300.8	312.5	1434	50.7	121	0	No Failure	
7899	L55078	L	300.8	312.5	1423	47.3	123	0	No Failure	
7900	L55079	L	300.9	312.4	1364	52.5	125	0	No Failure	
7901	L55080	L	300.8	312.4	1825	23.8	127	0	No Failure	
7902	L55081	L	300.8	312.4	1365	44.5	129	0	No Failure	
7903	M22762	M	300.7	312.3	1430	47.2	131	0	No Failure	

7904	L55083	L	300.8	312.3	1435	44.8	134	0	No Failure	
7905	M22764	M	300.8	312.4	1811	25.1	136	0	No Failure	
7906	M22765	M	300.8	312.4	1465	43.7	139	0	No Failure	
7907	L55086	L	300.9	312.4	1372	51	142	0	No Failure	
7908	L55087	L	300.8	312.3	1858	26.3	144	0	No Failure	
7909	L55088	L	300.7	312.3	1715	26.8	146	0	No Failure	
7910	L55089	L	300.7	312.2	1590	38.5	148	0	No Failure	
7911	M22770	M	300.8	312.2	1664	25.7	150	0	No Failure	
7912	L55091	L	300.7	312.1	1512	36.9	153	0	No Failure	
7913	L55092	L	300.7	312.1	1498	44	155	0	No Failure	
7914	L55093	L	300.7	312.1	1395	41.9	157	0	No Failure	
7915	H37328	H	300.7	312.1	1490	43.1	159	0	No Failure	
7916	H37329	H	300.8	312.1	1527	35.1	164	0	No Failure	
7917	L55096	L	300.8	312.1	1512	37.1	169	0	No Failure	
7918	L55097	L	300.9	312.1	1474	42.4	171	0	No Failure	
7919	L55098	L	300.8	312.1	1505	41.3	173	0	No Failure	
7920	L55099	L	300.8	312	1496	40	175	0	No Failure	
7921	L55100	L	300.8	312	1382	49.3	177	0	No Failure	
7922	L55101	L	300.7	311.9	1419	47.7	179	0	No Failure	
7923	L55102	L	300.7	311.9	1462	39.7	181	0	No Failure	
7924	M22783	M	300.8	312	1450	45	183	0	No Failure	
7925	H37338	H	300.7	311.9	1389	46.5	186	0	No Failure	
7926	M22785	M	300.7	311.9	1697	28.2	191	0	No Failure	
7927	L55106	L	300.7	311.9	1335	57.1	194	1	Overstrain Failure	
7928	L55107	L	300.7	311.9	1476	42	196	0	No Failure	
7929	L55108	L	300.6	311.7	1497	43.6	198	0	No Failure	
7930	M22789	M	300.6	311.6	1669	29.2	200	0	No Failure	
7931	L55110	L	300.6	311.6	1455	48	203	0	No Failure	
7932	L55111	L	300.7	311.7	1499	38.4	205	0	No Failure	
7933	L55112	L	300.7	311.8	1478	41.9	207	0	No Failure	
7934	L55113	L	300.8	311.8	1928	21.8	209	0	No Failure	
7935	M22794	M	300.8	311.9	1621	28.3	211	0	No Failure	
7936	M22795	M	300.8	311.9	1356	44.3	214	0	No Failure	
7937	L55116	L	300.8	311.7	1490	46.4	217	0	No Failure	
7938	L55117	L	300.8	311.7	1578	31.4	219	0	No Failure	
7939	L55118	L	300.8	311.7	1681	31.3	221	0	No Failure	
7940	L55119	L	300.8	311.8	1417	43.4	223	0	No Failure	
7941	M22800	M	300.7	311.7	1532	40	0	0	No Failure	

7942	M22801	M	300.7	311.7	1499	38.9	3	0	No Failure	
7943	L55122	L	300.8	311.7	1432	45.8	6	0	No Failure	
7944	L55123	L	300.8	311.7	1753	29	8	0	No Failure	
7945	L55124	L	300.8	311.7	1414	49	10	0	No Failure	
7946	L55125	L	300.8	311.7	1655	32.2	12	0	No Failure	
7947	L55126	L	300.8	311.6	1516	35.6	14	0	No Failure	
7948	L55127	L	300.8	311.7	1426	45.5	16	0	No Failure	
7949	L55128	L	300.8	311.7	1479	39.4	18	0	No Failure	
7950	M22809	M	300.7	311.5	1569	36.4	20	0	No Failure	
7951	L55130	L	300.8	311.6	1568	36	23	0	No Failure	
7952	M22811	M	300.9	311.8	1843	24.5	25	0	No Failure	
7953	M22812	M	300.9	311.9	1480	40.9	28	0	No Failure	
7954	L55133	L	301	312	1447	36.8	31	0	No Failure	
7955	L55134	L	301	311.9	1454	41.9	33	0	No Failure	
7956	M22815	M	300.9	311.9	1310	56.1	35	0	No Failure	
7957	H37370	H	300.9	311.9	1513	38	38	0	No Failure	
7958	H37371	H	300.9	311.9	2140	16.5	43	0	No Failure	
7959	L55138	L	301	312.1	1377	49.9	48	0	No Failure	
7960	L55139	L	301	312.1	1585	32.3	50	0	No Failure	
7961	H37374	H	301.1	312.2	1491	42.6	52	0	No Failure	
7962	L55141	L	301	312.2	1264	59	57	0	No Failure	
7963	L55142	L	301	312.2	1372	47	59	0	No Failure	
7964	L55143	L	301	312.2	1510	39.9	61	0	No Failure	
7965	L55144	L	300.9	312.1	1423	40.2	63	0	No Failure	
7966	L55145	L	301.1	312.3	1464	35.3	65	0	No Failure	
7967	L55146	L	301	312.2	1602	35.9	67	0	No Failure	
7968	M22827	M	301	312.2	1629	32.6	69	0	No Failure	
7969	L55148	L	300.9	312.2	1811	23.2	72	0	No Failure	
7970	L55149	L	300.9	312.1	1711	28.8	74	0	No Failure	
7971	M22830	M	300.9	312.1	1297	48.6	76	0	No Failure	
7972	L55151	L	301	312.1	1405	46.1	79	0	No Failure	
7973	L55152	L	301.1	312.2	1397	54.9	81	0	No Failure	
7974	L55153	L	301.1	312.3	1682	29.7	83	0	No Failure	
7975	L55154	L	301.2	312.3	1528	38.4	85	0	No Failure	
7976	M22835	M	301.2	312.3	1548	38.3	87	0	No Failure	
7977	H37390	H	301.2	312.4	1395	47.8	90	0	No Failure	
7978	L55157	L	301.2	312.4	1378	59	95	0	No Failure	
7979	L55158	L	301.2	312.4	1480	53.5	97	0	No Failure	

7980	M22839	M	301.2	312.4	1428	36.6	99	0	No Failure	
7981	M22840	M	301.2	312.4	1505	39.6	102	0	No Failure	
7982	L55161	L	301	312.3	1445	36.4	105	0	No Failure	
7983	L55162	L	301	312.3	1488	42.6	107	0	No Failure	
7984	L55163	L	301	312.2	1601	33	109	0	No Failure	
7985	L55164	L	301	312.3	1550	34.9	111	0	No Failure	
7986	L55165	L	301	312.2	1540	34.1	113	0	No Failure	
7987	L55166	L	301.1	312.3	1587	34.5	115	0	No Failure	
7988	H37401	H	301	312.2	1489	40.3	117	0	No Failure	
7989	L55168	L	301.1	312.3	1486	34.9	122	0	No Failure	
7990	L55169	L	301.1	312.4	1430	37.9	124	0	No Failure	
7991	M22850	M	301.1	312.4	1809	25.1	126	0	No Failure	
7992	L55171	L	301.1	312.3	1534	39	129	0	No Failure	
7993	M22852	M	301.1	312.3	1852	25.9	131	0	No Failure	
7994	L55173	L	301.1	312.3	1595	31.9	134	0	No Failure	
7995	L55174	L	301	312.3	1424	43.5	136	0	No Failure	
7996	L55175	L	301	312.2	1776	28.8	138	0	No Failure	
7997	M22856	M	301	312.2	1499	41.5	140	0	No Failure	
7998	M22857	M	301	312.2	2710	9.7	143	1	Power Failure	
7999	L55178	L	300.9	312.1	1359	51.7	146	0	No Failure	
8000	M22859	M	300.9	312.1	1617	31	148	0	No Failure	
8001	M22860	M	300.8	312	1443	53.3	151	0	No Failure	
8002	L55181	L	300.8	312	1374	50.2	154	0	No Failure	
8003	M22862	M	300.9	312.1	1851	23	156	0	No Failure	
8004	M22863	M	300.8	312	1274	67.3	159	0	No Failure	
8005	L55184	L	300.9	312	1533	44	162	0	No Failure	
8006	L55185	L	300.8	312	1477	37.3	164	0	No Failure	
8007	L55186	L	300.9	312.1	1462	46	166	0	No Failure	
8008	M22867	M	301	312.1	1664	28.4	168	0	No Failure	
8009	L55188	L	300.8	311.9	1414	41.1	171	0	No Failure	
8010	H37423	H	300.9	312	2129	17.8	173	0	No Failure	
8011	L55190	L	300.8	311.8	1323	61.1	178	0	No Failure	
8012	L55191	L	300.8	311.8	1427	43.3	180	0	No Failure	
8013	M22872	M	300.9	312	1375	56.1	182	0	No Failure	
8014	M22873	M	300.9	312	1402	50.7	185	0	No Failure	
8015	L55194	L	300.9	312	1500	44.2	188	0	No Failure	
8016	M22875	M	301	312	1558	37.5	190	0	No Failure	
8017	M22876	M	300.9	312	1447	41.4	193	0	No Failure	

8018	L55197	L	301	312	1518	39.3	196	0	No Failure	
8019	L55198	L	301	311.9	1889	23.5	198	0	No Failure	
8020	L55199	L	301	312.1	1675	30.7	200	0	No Failure	
8021	H37434	H	300.9	312	1720	27.9	202	0	No Failure	
8022	M22881	M	301	312	1499	34.6	207	0	No Failure	
8023	L55202	L	300.9	312	1441	43.8	210	0	No Failure	
8024	H37437	H	300.9	312	1397	42.7	212	0	No Failure	
8025	L55204	L	300.9	312	1493	38.7	217	0	No Failure	
8026	M22885	M	300.8	312	1422	50.7	219	0	No Failure	
8027	L55206	L	300.7	311.9	1399	50.2	222	1	Overstrain Failure	
8028	L55207	L	300.6	311.9	1425	44.9	224	0	No Failure	
8029	L55208	L	300.6	311.8	1501	44.8	226	0	No Failure	
8030	M22889	M	300.6	311.9	1629	35.3	0	0	No Failure	
8031	L55210	L	300.6	312	1490	42.2	3	0	No Failure	
8032	L55211	L	300.7	312	1550	32.4	5	0	No Failure	
8033	L55212	L	300.8	312	1416	46.5	7	0	No Failure	
8034	L55213	L	300.7	311.9	1485	38.8	9	0	No Failure	
8035	L55214	L	300.7	311.8	1564	36.8	11	0	No Failure	
8036	L55215	L	300.7	311.7	1910	19.7	13	0	No Failure	
8037	L55216	L	300.7	311.7	1460	46.1	15	0	No Failure	
8038	L55217	L	300.7	311.8	1603	34.1	17	0	No Failure	
8039	L55218	L	300.7	311.8	1486	47.3	19	0	No Failure	
8040	L55219	L	300.8	311.9	1560	31.8	21	0	No Failure	
8041	L55220	L	300.8	311.9	1498	39.3	23	0	No Failure	
8042	H37455	H	300.8	311.9	1431	48.5	25	0	No Failure	
8043	L55222	L	300.8	311.9	1486	45.1	30	0	No Failure	
8044	L55223	L	300.7	311.9	1486	35.8	32	0	No Failure	
8045	L55224	L	300.7	311.8	1441	38.1	34	0	No Failure	
8046	M22905	M	300.7	311.9	1366	55.1	36	0	No Failure	
8047	L55226	L	300.6	311.8	1471	41.4	39	0	No Failure	
8048	L55227	L	300.6	311.9	1463	38.2	41	0	No Failure	
8049	L55228	L	300.6	311.9	1413	41.3	43	0	No Failure	
8050	H37463	H	300.6	311.9	1604	30.5	45	0	No Failure	
8051	L55230	L	300.7	312	1401	51.1	50	0	No Failure	
8052	L55231	L	300.6	311.8	1652	27.2	52	0	No Failure	
8053	L55232	L	300.5	311.9	1403	45.7	54	0	No Failure	
8054	L55233	L	300.5	311.9	1887	21.7	56	0	No Failure	
8055	L55234	L	300.4	311.8	1405	47.9	58	0	No Failure	

8056	H37469	H	300.2	311.6	1496	41.1	60	0	No Failure	
8057	L55236	L	300.1	311.5	1499	43.4	65	0	No Failure	
8058	L55237	L	300.2	311.5	1549	37.2	67	0	No Failure	
8059	L55238	L	300.3	311.6	1515	44.9	69	0	No Failure	
8060	L55239	L	300.2	311.6	1540	37.7	71	0	No Failure	
8061	H37474	H	300.2	311.5	1426	44.3	73	0	No Failure	
8062	M22921	M	300.2	311.6	1465	41.4	78	0	No Failure	
8063	M22922	M	300.3	311.6	1359	54.1	81	0	No Failure	
8064	M22923	M	300.3	311.7	1551	36.4	84	0	No Failure	
8065	L55244	L	300.5	311.8	1596	34.8	87	0	No Failure	
8066	M22925	M	300.5	311.9	1670	26.3	89	0	No Failure	
8067	L55246	L	300.4	311.9	1868	21.3	92	0	No Failure	
8068	M22927	M	300.6	312	1490	39.8	94	0	No Failure	
8069	M22928	M	300.5	311.9	1676	35.2	97	0	No Failure	
8070	M22929	M	300.5	311.9	1875	22.1	100	0	No Failure	
8071	M22930	M	300.5	312	1867	23	103	0	No Failure	
8072	L55251	L	300.5	312	1646	29.5	106	0	No Failure	
8073	H37486	H	300.5	312	1375	43.2	108	0	No Failure	
8074	L55253	L	300.5	312	1558	36.7	113	0	No Failure	
8075	L55254	L	300.4	312	1631	34.9	115	0	No Failure	
8076	L55255	L	300.4	312	1366	43	117	0	No Failure	
8077	L55256	L	300.3	311.8	1360	48	119	0	No Failure	
8078	L55257	L	300.3	311.8	1547	39.7	121	0	No Failure	
8079	L55258	L	300.3	311.7	1571	31.2	123	0	No Failure	
8080	L55259	L	300.2	311.5	1528	36.1	125	0	No Failure	
8081	H37494	H	300.2	311.5	1432	43.6	127	0	No Failure	
8082	L55261	L	300.2	311.6	1356	53.5	132	0	No Failure	
8083	H37496	H	300.1	311.5	1422	46.2	134	0	No Failure	
8084	L55263	L	300.1	311.4	1438	42.2	139	0	No Failure	
8085	L55264	L	300.2	311.4	1483	44.4	141	0	No Failure	
8086	L55265	L	300.2	311.4	1331	49.8	143	0	No Failure	
8087	L55266	L	300.2	311.4	1463	37.5	145	0	No Failure	
8088	L55267	L	300.1	311.4	1446	40.6	147	0	No Failure	
8089	L55268	L	300.1	311.4	1356	45.7	149	0	No Failure	
8090	L55269	L	300.1	311.3	1676	30.3	151	0	No Failure	
8091	L55270	L	300.1	311.4	1910	23	153	0	No Failure	
8092	L55271	L	300.2	311.6	1375	56.9	155	0	No Failure	
8093	M22952	M	300.2	311.6	1513	40.8	157	0	No Failure	

8094	L55273	L	300.2	311.6	1511	35.7	160	0	No Failure	
8095	H37508	H	300.2	311.6	1662	28.8	162	0	No Failure	
8096	L55275	L	300.2	311.7	1493	48.3	167	0	No Failure	
8097	M22956	M	300.2	311.7	1555	37.4	169	0	No Failure	
8098	L55277	L	300.3	311.7	1452	41.5	172	0	No Failure	
8099	L55278	L	300.2	311.6	1500	39	174	0	No Failure	
8100	L55279	L	300.2	311.7	1603	30.5	176	0	No Failure	
8101	L55280	L	300.3	311.7	1682	27.8	178	0	No Failure	
8102	L55281	L	300.3	311.8	1567	37.7	180	0	No Failure	
8103	L55282	L	300.3	311.8	1413	46	182	0	No Failure	
8104	M22963	M	300.3	311.9	1429	41.6	184	0	No Failure	
8105	L55284	L	300.3	311.9	1692	31.5	187	0	No Failure	
8106	L55285	L	300.4	311.9	1476	48.7	189	0	No Failure	
8107	M22966	M	300.4	312	1596	30.4	191	0	No Failure	
8108	H37521	H	300.3	311.9	1390	49	194	0	No Failure	
8109	M22968	M	300.3	311.8	1607	33.7	199	0	No Failure	
8110	L55289	L	300.3	311.7	1821	26.3	202	0	No Failure	
8111	H37524	H	300.3	311.8	2141	18.5	204	0	No Failure	
8112	M22971	M	300.4	311.8	1553	33.1	209	1	Tool Wear Failure	
8113	M22972	M	300.4	311.8	1442	45.1	0	0	No Failure	
8114	L55293	L	300.4	311.7	1459	45.6	3	0	No Failure	
8115	H37528	H	300.4	311.8	2496	13.5	5	0	No Failure	
8116	L55295	L	300.4	311.8	1367	57.2	10	0	No Failure	
8117	L55296	L	300.3	311.8	2004	19.6	12	0	No Failure	
8118	L55297	L	300.3	311.7	1406	47.5	14	0	No Failure	
8119	L55298	L	300.3	311.8	1548	33	16	0	No Failure	
8120	L55299	L	300.3	311.7	1333	55.2	18	0	No Failure	
8121	L55300	L	300.2	311.6	1767	26.4	20	0	No Failure	
8122	L55301	L	300.2	311.6	1827	27	22	0	No Failure	
8123	M22982	M	300.2	311.6	1533	46.4	24	0	No Failure	
8124	H37537	H	300.2	311.5	1515	36.8	27	0	No Failure	
8125	L55304	L	300.2	311.4	1568	41	32	0	No Failure	
8126	L55305	L	300.2	311.4	1452	47.8	34	0	No Failure	
8127	L55306	L	300.2	311.4	1433	37.9	36	0	No Failure	
8128	M22987	M	300.1	311.3	1650	33.8	38	0	No Failure	
8129	L55308	L	300.1	311.4	1629	31.3	41	0	No Failure	
8130	L55309	L	300	311.3	1520	39.2	43	0	No Failure	
8131	H37544	H	300	311.2	1393	43.1	45	0	No Failure	

8132	H37545	H	299.9	311.2	1364	49.6	50	0	No Failure	
8133	M22992	M	299.9	311.3	1389	50	55	0	No Failure	
8134	L55313	L	299.8	311.1	1466	46.1	58	0	No Failure	
8135	L55314	L	299.7	311.1	1650	32.4	60	0	No Failure	
8136	L55315	L	299.6	311	1554	36.3	62	0	No Failure	
8137	M22996	M	299.6	310.9	1474	39.7	64	0	No Failure	
8138	H37551	H	299.5	310.8	1600	32.4	67	0	No Failure	
8139	L55318	L	299.5	310.8	1356	54.9	72	0	No Failure	
8140	L55319	L	299.5	310.8	1571	38.2	74	0	No Failure	
8141	L55320	L	299.6	310.9	1658	28	76	0	No Failure	
8142	L55321	L	299.6	310.8	1393	49.9	78	0	No Failure	
8143	M23002	M	299.7	311	1448	49.8	80	0	No Failure	
8144	L55323	L	299.7	310.9	1477	40.4	83	0	No Failure	
8145	M23004	M	299.7	311	1506	42.7	85	0	No Failure	
8146	M23005	M	299.7	310.9	1685	32.1	88	0	No Failure	
8147	L55326	L	299.6	310.9	1533	31.8	91	0	No Failure	
8148	L55327	L	299.5	310.8	1447	41	93	0	No Failure	
8149	M23008	M	299.5	310.7	1488	39.5	95	0	No Failure	
8150	M23009	M	299.6	310.8	1427	50.4	98	0	No Failure	
8151	M23010	M	299.5	310.7	1424	41.3	101	0	No Failure	
8152	L55331	L	299.5	310.7	1472	40.9	104	0	No Failure	
8153	L55332	L	299.5	310.7	1438	45.7	106	0	No Failure	
8154	L55333	L	299.6	310.8	1507	42.4	108	0	No Failure	
8155	L55334	L	299.6	310.7	1393	52.1	110	0	No Failure	
8156	L55335	L	299.5	310.8	1283	52.4	112	0	No Failure	
8157	L55336	L	299.6	310.8	1644	30.9	114	0	No Failure	
8158	L55337	L	299.6	310.8	1498	46.9	116	0	No Failure	
8159	L55338	L	299.6	310.8	1400	40.8	118	0	No Failure	
8160	H37573	H	299.6	310.9	1679	31.2	120	0	No Failure	
8161	M23020	M	299.7	311.1	1618	30.3	125	0	No Failure	
8162	H37575	H	299.6	311	1714	30.2	128	0	No Failure	
8163	L55342	L	299.6	311	1574	35	133	0	No Failure	
8164	L55343	L	299.7	311.1	1574	36.4	135	0	No Failure	
8165	L55344	L	299.6	310.9	1472	40.9	137	0	No Failure	
8166	L55345	L	299.6	311	1552	33.2	139	0	No Failure	
8167	L55346	L	299.7	311.1	1603	31.4	141	0	No Failure	
8168	H37581	H	299.7	311.1	1353	47.1	143	0	No Failure	
8169	L55348	L	299.7	311.1	1690	30.6	148	0	No Failure	

8170	M23029	M	299.8	311.2	1745	26.3	150	0	No Failure	
8171	L55350	L	299.9	311.3	1522	45.7	153	0	No Failure	
8172	H37585	H	300	311.4	1641	34.5	155	0	No Failure	
8173	L55352	L	299.9	311.4	1596	28.9	160	0	No Failure	
8174	H37587	H	299.9	311.4	1497	37	162	0	No Failure	
8175	L55354	L	299.9	311.3	1371	52.3	167	0	No Failure	
8176	M23035	M	299.9	311.3	1445	41.2	169	0	No Failure	
8177	L55356	L	299.8	311.2	1564	40	172	0	No Failure	
8178	L55357	L	299.7	311.1	1439	44.9	174	0	No Failure	
8179	L55358	L	299.7	311.2	1352	52.1	176	0	No Failure	
8180	L55359	L	299.8	311.3	1560	35.4	178	0	No Failure	
8181	M23040	M	299.7	311.2	1616	42.3	180	0	No Failure	
8182	L55361	L	299.7	311.2	1835	23.7	183	0	No Failure	
8183	M23042	M	299.7	311.1	1649	32.7	185	0	No Failure	
8184	L55363	L	299.8	311.1	1452	47.3	188	0	No Failure	
8185	L55364	L	299.8	311.1	2144	17.7	190	0	No Failure	
8186	L55365	L	299.7	311.1	1554	41	192	0	No Failure	
8187	L55366	L	299.7	311	1827	25.4	194	0	No Failure	
8188	L55367	L	299.6	310.9	1448	46.3	196	0	No Failure	
8189	M23048	M	299.6	310.9	1530	38.8	198	0	No Failure	
8190	L55369	L	299.7	311	1983	21	201	0	No Failure	
8191	M23050	M	299.7	310.9	1620	37.2	203	0	No Failure	
8192	M23051	M	299.6	310.9	1630	29.8	206	0	No Failure	
8193	L55372	L	299.6	310.9	1229	65.2	209	1	Overstrain Failure	
8194	L55373	L	299.5	310.8	1873	22.3	211	0	No Failure	
8195	L55374	L	299.4	310.7	1426	45.7	213	0	No Failure	
8196	L55375	L	299.4	310.8	1376	53.9	215	1	Overstrain Failure	
8197	L55376	L	299.4	310.8	1622	33.6	217	0	No Failure	
8198	M23057	M	299.4	310.7	1492	45.7	219	0	No Failure	
8199	M23058	M	299.3	310.7	1374	48.9	222	0	No Failure	
8200	L55379	L	299.2	310.7	1737	27	225	1	Tool Wear Failure	
8201	L55380	L	299.3	310.8	1426	42.4	0	0	No Failure	
8202	M23061	M	299.3	310.9	1826	25.1	2	0	No Failure	
8203	L55382	L	299.3	310.9	1669	32.4	5	0	No Failure	
8204	M23063	M	299.4	310.9	1473	40.1	7	0	No Failure	
8205	L55384	L	299.4	310.9	1751	27.8	10	0	No Failure	
8206	M23065	M	299.4	310.9	1446	47.3	12	0	No Failure	
8207	L55386	L	299.3	310.8	1483	43.5	15	0	No Failure	

8208	L55387	L	299.2	310.7	1535	42.6	17	0	No Failure	
8209	L55388	L	299.2	310.7	1477	44	19	0	No Failure	
8210	L55389	L	299.3	310.8	1391	46.9	21	0	No Failure	
8211	H37624	H	299.2	310.7	1636	29.4	23	0	No Failure	
8212	L55391	L	299.2	310.6	1675	33.3	28	0	No Failure	
8213	H37626	H	299.2	310.5	1329	48.9	30	0	No Failure	
8214	M23073	M	299.2	310.5	1548	33.5	35	0	No Failure	
8215	L55394	L	299.2	310.5	1391	45.8	38	0	No Failure	
8216	L55395	L	299.1	310.5	1437	43.1	40	0	No Failure	
8217	L55396	L	299.2	310.6	1370	61.9	42	0	No Failure	
8218	L55397	L	299.1	310.6	1577	37.1	44	0	No Failure	
8219	L55398	L	299.1	310.5	1485	37.8	46	0	No Failure	
8220	L55399	L	299	310.4	1504	34.3	48	0	No Failure	
8221	M23080	M	298.9	310.3	1551	35.2	50	0	No Failure	
8222	M23081	M	299.1	310.5	1428	43	53	0	No Failure	
8223	L55402	L	299	310.5	1755	27.9	56	0	No Failure	
8224	L55403	L	299.1	310.5	1329	54.9	58	0	No Failure	
8225	L55404	L	299.1	310.5	1496	35.2	60	0	No Failure	
8226	L55405	L	299.1	310.5	1532	36.6	62	0	No Failure	
8227	L55406	L	299.1	310.5	1389	61.4	64	0	No Failure	
8228	M23087	M	299.1	310.4	1524	51.4	66	0	No Failure	
8229	M23088	M	299.1	310.4	1422	49.3	69	0	No Failure	
8230	L55409	L	299.1	310.5	1739	27.4	72	0	No Failure	
8231	L55410	L	299.1	310.5	1736	26.9	74	0	No Failure	
8232	L55411	L	299.1	310.5	1419	48.8	76	0	No Failure	
8233	L55412	L	299.1	310.6	1326	49.7	78	0	No Failure	
8234	M23093	M	299.1	310.6	1449	43.2	80	0	No Failure	
8235	L55414	L	299.2	310.6	1534	39.7	83	0	No Failure	
8236	M23095	M	299.2	310.6	1443	50.9	85	0	No Failure	
8237	L55416	L	299.2	310.6	1498	41.1	88	0	No Failure	
8238	L55417	L	299.1	310.6	1796	26	90	0	No Failure	
8239	L55418	L	299.1	310.4	1519	45.3	92	0	No Failure	
8240	L55419	L	299	310.4	1339	49.6	94	0	No Failure	
8241	L55420	L	299	310.4	1483	41.5	96	0	No Failure	
8242	M23101	M	298.9	310.2	2099	20	98	0	No Failure	
8243	M23102	M	299	310.3	1689	29.7	101	0	No Failure	
8244	H37657	H	299.1	310.4	1369	54.5	104	0	No Failure	
8245	L55424	L	299	310.4	1512	38.8	109	0	No Failure	

8246	M23105	M	299	310.3	1303	68.6	111	1	Power Failure	
8247	L55426	L	299	310.3	1552	39.9	114	0	No Failure	
8248	L55427	L	299	310.4	1713	28	116	0	No Failure	
8249	L55428	L	298.9	310.3	1456	44.1	118	0	No Failure	
8250	L55429	L	299	310.4	1524	39.8	120	0	No Failure	
8251	M23110	M	299	310.4	1394	45.2	122	0	No Failure	
8252	L55431	L	299	310.4	1981	21.2	125	0	No Failure	
8253	L55432	L	299	310.4	1565	36.1	127	0	No Failure	
8254	L55433	L	299.1	310.4	1657	31	129	0	No Failure	
8255	M23114	M	299	310.4	1625	37.1	131	0	No Failure	
8256	L55435	L	299	310.4	1606	31.1	134	0	No Failure	
8257	H37670	H	299	310.5	1336	56.8	136	0	No Failure	
8258	M23117	M	299	310.6	1587	34.2	141	0	No Failure	
8259	L55438	L	299.1	310.6	1602	39.7	144	0	No Failure	
8260	L55439	L	299.1	310.5	1471	38.4	146	0	No Failure	
8261	H37674	H	299.1	310.6	1332	48	148	0	No Failure	
8262	H37675	H	299.2	310.6	1434	48.4	153	0	No Failure	
8263	L55442	L	299.1	310.6	1921	23.9	158	0	No Failure	
8264	H37677	H	299.2	310.6	1704	30.6	160	0	No Failure	
8265	M23124	M	299.1	310.6	1397	49.5	165	0	No Failure	
8266	H37679	H	299.1	310.6	1791	28	168	0	No Failure	
8267	L55446	L	299.1	310.6	1818	24.1	173	0	No Failure	
8268	L55447	L	299.2	310.7	1540	36.3	175	0	No Failure	
8269	M23128	M	299.2	310.8	1502	39.8	177	0	No Failure	
8270	H37683	H	299.2	310.8	1761	30.4	180	0	No Failure	
8271	M23130	M	299.1	310.8	1517	38.4	185	0	No Failure	
8272	L55451	L	299.1	310.7	1309	51.1	188	0	No Failure	
8273	L55452	L	298.9	310.6	1363	52.6	190	0	No Failure	
8274	M23133	M	299	310.6	1787	22.2	192	0	No Failure	
8275	L55454	L	298.9	310.5	1640	29.2	195	0	No Failure	
8276	M23135	M	298.9	310.6	1720	25.3	197	0	No Failure	
8277	L55456	L	298.8	310.5	1384	52.8	200	0	No Failure	
8278	H37691	H	298.8	310.5	1294	55.8	202	0	No Failure	
8279	L55458	L	298.8	310.5	1464	46.4	207	0	No Failure	
8280	L55459	L	298.8	310.6	1803	25.4	209	0	No Failure	
8281	L55460	L	298.8	310.6	1602	39.1	211	0	No Failure	
8282	H37695	H	298.9	310.6	1519	38.8	213	0	No Failure	
8283	M23142	M	298.9	310.7	1638	33.6	218	0	No Failure	

8284	H37697	H	298.9	310.6	1615	33	221	0	No Failure	
8285	L55464	L	298.8	310.6	1651	33.3	0	0	No Failure	
8286	L55465	L	298.9	310.6	1387	52.7	2	0	No Failure	
8287	M23146	M	298.8	310.5	1678	32.8	4	0	No Failure	
8288	L55467	L	298.9	310.6	1585	38.1	7	0	No Failure	
8289	M23148	M	298.8	310.6	1640	33.8	9	0	No Failure	
8290	L55469	L	298.9	310.6	1406	43.8	12	0	No Failure	
8291	M23150	M	298.9	310.6	1679	35.8	14	0	No Failure	
8292	L55471	L	298.9	310.5	1717	26.9	17	0	No Failure	
8293	H37706	H	298.9	310.5	1429	39.9	19	0	No Failure	
8294	M23153	M	298.9	310.4	1533	44.4	24	0	No Failure	
8295	M23154	M	298.9	310.5	1525	38.5	27	0	No Failure	
8296	L55475	L	298.9	310.4	1739	26.3	30	0	No Failure	
8297	L55476	L	298.9	310.3	1436	39	32	0	No Failure	
8298	M23157	M	298.8	310.2	1595	33.1	34	0	No Failure	
8299	H37712	H	298.7	310.1	1435	45.6	37	0	No Failure	
8300	L55479	L	298.7	310	1637	31.8	42	0	No Failure	
8301	L55480	L	298.7	310.1	1558	37.6	44	0	No Failure	
8302	M23161	M	298.7	310.1	1644	34.1	46	0	No Failure	
8303	L55482	L	298.7	310.1	1641	31.1	49	0	No Failure	
8304	L55483	L	298.8	310.2	1504	41	51	0	No Failure	
8305	M23164	M	298.7	310.1	1506	50.7	53	0	No Failure	
8306	H37719	H	298.8	310.1	1380	44	56	0	No Failure	
8307	M23166	M	298.7	310.1	1549	42.5	61	0	No Failure	
8308	M23167	M	298.7	310.1	1402	69.7	64	1	Power Failure	
8309	L55488	L	298.7	310.1	1401	45.3	67	0	No Failure	
8310	M23169	M	298.7	310	1459	40.2	69	0	No Failure	
8311	L55490	L	298.7	309.9	1465	39.7	72	0	No Failure	
8312	M23171	M	298.8	310	1295	52.7	74	0	No Failure	
8313	M23172	M	298.8	310	1529	38.5	77	0	No Failure	
8314	M23173	M	298.8	310	1484	44.9	80	0	No Failure	
8315	L55494	L	298.8	309.9	1739	30.6	83	0	No Failure	
8316	H37729	H	298.7	309.8	1422	40.7	85	0	No Failure	
8317	L55496	L	298.8	309.8	1463	40	90	0	No Failure	
8318	L55497	L	298.7	309.7	1667	30.4	92	0	No Failure	
8319	H37732	H	298.7	309.7	1565	39.3	94	0	No Failure	
8320	L55499	L	298.7	309.7	1393	45.7	99	0	No Failure	
8321	M23180	M	298.8	309.7	1453	47.7	101	0	No Failure	

8322	L55501	L	298.8	309.6	1442	50	104	0	No Failure	
8323	L55502	L	298.7	309.6	1364	44.9	106	0	No Failure	
8324	H37737	H	298.7	309.5	1453	40.4	108	0	No Failure	
8325	M23184	M	298.7	309.5	1394	46	113	0	No Failure	
8326	M23185	M	298.7	309.5	1500	38.8	116	0	No Failure	
8327	H37740	H	298.6	309.5	1523	34.2	119	0	No Failure	
8328	M23187	M	298.7	309.6	1254	57.1	124	0	No Failure	
8329	L55508	L	298.6	309.5	1325	52.2	127	0	No Failure	
8330	L55509	L	298.8	309.7	1424	49.6	129	0	No Failure	
8331	L55510	L	298.8	309.7	1505	39	131	0	No Failure	
8332	M23191	M	298.8	309.7	1392	48.7	133	0	No Failure	
8333	L55512	L	298.8	309.7	1529	44	136	0	No Failure	
8334	M23193	M	298.8	309.7	1477	48.5	138	0	No Failure	
8335	M23194	M	298.8	309.7	1459	47.3	141	0	No Failure	
8336	M23195	M	299	309.8	2240	15.9	144	0	No Failure	
8337	L55516	L	298.9	309.7	1449	48.8	147	0	No Failure	
8338	M23197	M	298.8	309.7	1589	35.3	149	0	No Failure	
8339	L55518	L	298.8	309.7	1740	28.5	152	0	No Failure	
8340	M23199	M	298.8	309.7	1499	40.3	154	0	No Failure	
8341	M23200	M	298.8	309.7	1480	38.1	157	0	No Failure	
8342	L55521	L	298.8	309.7	1751	29.6	160	0	No Failure	
8343	L55522	L	298.7	309.7	1510	40.6	162	0	No Failure	
8344	H37757	H	298.8	309.8	1437	48.2	164	0	No Failure	
8345	L55524	L	298.8	309.7	1609	40.4	169	0	No Failure	
8346	H37759	H	298.8	309.8	1490	35.9	171	0	No Failure	
8347	L55526	L	298.7	309.7	1601	35.7	176	0	No Failure	
8348	L55527	L	298.7	309.6	1665	31.1	178	0	No Failure	
8349	M23208	M	298.7	309.6	1452	42.7	180	0	No Failure	
8350	M23209	M	298.7	309.5	1487	33.6	183	0	No Failure	
8351	M23210	M	298.7	309.6	1382	48.1	186	0	No Failure	
8352	M23211	M	298.7	309.6	1686	26.2	189	0	No Failure	
8353	L55532	L	298.6	309.6	1491	36.9	192	0	No Failure	
8354	L55533	L	298.7	309.6	1442	55.6	194	0	No Failure	
8355	L55534	L	298.6	309.6	1390	50.3	196	0	No Failure	
8356	L55535	L	298.7	309.6	1502	46.7	198	0	No Failure	
8357	M23216	M	298.6	309.6	1344	59.4	200	0	No Failure	
8358	L55537	L	298.5	309.5	1385	46.3	203	1	Tool Wear Failure	
8359	L55538	L	298.7	309.7	1547	37.4	0	0	No Failure	

8360	M23219	M	298.6	309.6	1525	42.4	2	0	No Failure	
8361	L55540	L	298.6	309.6	1540	35.8	5	0	No Failure	
8362	L55541	L	298.6	309.5	1450	44.3	7	0	No Failure	
8363	L55542	L	298.6	309.6	1353	62.5	9	0	No Failure	
8364	L55543	L	298.8	309.7	1582	45	11	0	No Failure	
8365	L55544	L	298.9	309.8	1396	49	13	0	No Failure	
8366	M23225	M	298.8	309.8	1551	36.6	15	0	No Failure	
8367	M23226	M	298.9	309.8	1836	22.8	18	0	No Failure	
8368	L55547	L	298.9	309.8	1390	49.9	21	0	No Failure	
8369	L55548	L	298.9	309.8	1534	42.1	23	0	No Failure	
8370	L55549	L	298.8	309.7	1953	20.6	25	0	No Failure	
8371	L55550	L	298.8	309.8	1634	33.6	27	0	No Failure	
8372	L55551	L	298.7	309.7	1881	21.7	29	0	No Failure	
8373	M23232	M	298.8	309.7	1448	44.8	31	0	No Failure	
8374	M23233	M	298.7	309.7	1362	50.5	34	0	No Failure	
8375	L55554	L	298.8	309.7	1225	63.4	37	0	No Failure	
8376	M23235	M	298.8	309.6	1384	48.2	39	0	No Failure	
8377	L55556	L	298.8	309.8	1334	49.3	42	0	No Failure	
8378	L55557	L	298.8	309.7	1336	50.3	44	0	No Failure	
8379	M23238	M	298.8	309.9	1331	61.6	46	0	No Failure	
8380	L55559	L	298.8	309.9	1629	31.9	49	0	No Failure	
8381	L55560	L	298.9	310	1776	25.7	51	0	No Failure	
8382	H37795	H	298.8	310	1530	38.3	53	0	No Failure	
8383	L55562	L	298.9	310	1719	27.3	58	0	No Failure	
8384	M23243	M	298.8	309.9	1495	35.2	60	0	No Failure	
8385	L55564	L	298.8	309.7	1450	43.1	63	0	No Failure	
8386	H37799	H	298.8	309.8	1563	38.8	65	0	No Failure	
8387	M23246	M	298.9	309.9	1501	37.1	70	0	No Failure	
8388	L55567	L	298.8	309.9	1351	47.2	73	0	No Failure	
8389	L55568	L	298.9	309.9	1365	46.5	75	0	No Failure	
8390	L55569	L	298.8	309.9	1525	39.7	77	0	No Failure	
8391	M23250	M	298.8	309.8	1288	61.9	79	0	No Failure	
8392	L55571	L	298.6	309.6	1423	42.7	82	0	No Failure	
8393	M23252	M	298.5	309.6	1502	39.4	84	0	No Failure	
8394	L55573	L	298.5	309.5	1428	43.5	87	0	No Failure	
8395	M23254	M	298.6	309.5	1566	38.1	89	0	No Failure	
8396	M23255	M	298.5	309.5	1483	44.8	92	0	No Failure	
8397	H37810	H	298.6	309.6	1593	33.3	95	0	No Failure	

8398	L55577	L	298.5	309.6	1724	26.4	100	0	No Failure	
8399	L55578	L	298.5	309.7	2617	12.1	102	1	Power Failure	
8400	L55579	L	298.6	309.7	1294	59.4	104	0	No Failure	
8401	L55580	L	298.6	309.6	1533	40.7	106	0	No Failure	
8402	H37815	H	298.5	309.4	1671	31.8	108	0	No Failure	
8403	L55582	L	298.5	309.5	1370	52.4	113	0	No Failure	
8404	L55583	L	298.5	309.6	1462	45.1	115	0	No Failure	
8405	L55584	L	298.4	309.5	1545	36.6	117	0	No Failure	
8406	M23265	M	298.4	309.5	1484	41.7	119	0	No Failure	
8407	M23266	M	298.4	309.5	1344	45.3	122	0	No Failure	
8408	L55587	L	298.4	309.5	1357	50.1	125	0	No Failure	
8409	M23268	M	298.5	309.6	1572	33	127	0	No Failure	
8410	L55589	L	298.5	309.6	1861	26.9	130	0	No Failure	
8411	L55590	L	298.5	309.5	1548	44.5	132	0	No Failure	
8412	L55591	L	298.6	309.8	1496	37.7	134	0	No Failure	
8413	M23272	M	298.6	309.7	1314	49.7	136	0	No Failure	
8414	M23273	M	298.6	309.7	1422	49.7	139	0	No Failure	
8415	L55594	L	298.6	309.8	1842	20.1	142	0	No Failure	
8416	M23275	M	298.7	309.9	1434	53	144	0	No Failure	
8417	M23276	M	298.8	310.1	1585	31.3	147	0	No Failure	
8418	H37831	H	298.8	310.1	1704	30.7	150	0	No Failure	
8419	L55598	L	298.9	310.2	1971	23.2	155	0	No Failure	
8420	L55599	L	299	310.3	1431	39.9	157	0	No Failure	
8421	L55600	L	298.9	310.4	1546	37.7	159	0	No Failure	
8422	L55601	L	298.9	310.3	1496	36.3	161	0	No Failure	
8423	H37836	H	298.9	310.3	1243	63	163	0	No Failure	
8424	L55603	L	299	310.4	1452	46.2	168	0	No Failure	
8425	L55604	L	299.1	310.6	1380	44.7	170	0	No Failure	
8426	L55605	L	299.2	310.6	1567	38.4	172	0	No Failure	
8427	L55606	L	299.1	310.5	1628	35.9	174	0	No Failure	
8428	L55607	L	299.1	310.4	1505	46.1	176	0	No Failure	
8429	M23288	M	299	310.3	1827	28	178	0	No Failure	
8430	L55609	L	299	310.3	1577	40	181	0	No Failure	
8431	L55610	L	298.9	310.2	1304	57.2	183	0	No Failure	
8432	H37845	H	298.9	310.1	1324	54.6	185	0	No Failure	
8433	L55612	L	298.8	310	1537	39.9	190	0	No Failure	
8434	M23293	M	298.8	310.1	1501	48.7	192	0	No Failure	
8435	M23294	M	298.7	309.9	1654	29.1	195	0	No Failure	

8436	M23295	M	298.7	310	1519	38.1	198	0	No Failure	
8437	L55616	L	298.7	309.9	1371	51.3	201	0	No Failure	
8438	L55617	L	298.7	309.8	1181	65.9	203	1	Overstrain Failure	
8439	L55618	L	298.6	309.8	1469	42.8	205	0	No Failure	
8440	L55619	L	298.6	309.8	1637	34.6	207	0	No Failure	
8441	L55620	L	298.6	309.8	1370	56	0	0	No Failure	
8442	L55621	L	298.6	309.9	1630	30.6	2	0	No Failure	
8443	L55622	L	298.6	310	1517	39	4	0	No Failure	
8444	M23303	M	298.6	309.9	1668	32.3	6	0	No Failure	
8445	M23304	M	298.6	309.9	1818	24.9	9	0	No Failure	
8446	M23305	M	298.6	310	1541	36.9	12	0	No Failure	
8447	L55626	L	298.5	309.9	1482	42.1	15	0	No Failure	
8448	L55627	L	298.6	310.1	1439	49.9	17	0	No Failure	
8449	L55628	L	298.5	310	1492	41.2	19	0	No Failure	
8450	L55629	L	298.4	309.9	1725	27.8	21	0	No Failure	
8451	L55630	L	298.4	310	1559	44.2	23	0	No Failure	
8452	L55631	L	298.5	310	1435	42.5	25	0	No Failure	
8453	M23312	M	298.6	310	1512	37.5	27	0	No Failure	
8454	L55633	L	298.6	309.9	1564	37.1	30	0	No Failure	
8455	L55634	L	298.6	310	1522	40.3	32	0	No Failure	
8456	L55635	L	298.6	309.9	1356	59.5	34	0	No Failure	
8457	L55636	L	298.6	309.9	1556	38.6	36	0	No Failure	
8458	L55637	L	298.6	309.9	1393	45.5	38	0	No Failure	
8459	L55638	L	298.7	309.9	1753	26.8	40	0	No Failure	
8460	L55639	L	298.7	309.9	1651	29.5	42	0	No Failure	
8461	L55640	L	298.7	309.9	1372	54.7	44	0	No Failure	
8462	L55641	L	298.7	309.9	1446	43.3	46	0	No Failure	
8463	M23322	M	298.7	309.8	1501	44.7	48	0	No Failure	
8464	M23323	M	298.7	309.9	1411	45.1	51	0	No Failure	
8465	H37878	H	298.6	309.7	1672	27.5	54	0	No Failure	
8466	M23325	M	298.7	309.8	1475	40.5	59	0	No Failure	
8467	L55646	L	298.7	309.8	1469	38.4	62	0	No Failure	
8468	L55647	L	298.6	309.8	1704	28.3	64	0	No Failure	
8469	H37882	H	298.6	309.7	1463	39.1	66	0	No Failure	
8470	M23329	M	298.6	309.7	1280	64.1	71	0	No Failure	
8471	L55650	L	298.7	309.9	1464	38	74	0	No Failure	
8472	L55651	L	298.6	309.8	1332	46.4	76	0	No Failure	
8473	L55652	L	298.5	309.7	1634	37.8	78	0	No Failure	

8474	M23333	M	298.6	309.8	1430	43.1	80	0	No Failure	
8475	M23334	M	298.5	309.7	1523	44.6	83	0	No Failure	
8476	M23335	M	298.5	309.7	1557	37.7	86	0	No Failure	
8477	L55656	L	298.5	309.6	1585	32.2	89	0	No Failure	
8478	H37891	H	298.5	309.6	1579	33.5	91	0	No Failure	
8479	M23338	M	298.5	309.7	1354	60.8	96	0	No Failure	
8480	L55659	L	298.6	309.7	1627	33.4	99	0	No Failure	
8481	L55660	L	298.4	309.6	1477	35.6	101	0	No Failure	
8482	M23341	M	298.3	309.4	1595	29	103	0	No Failure	
8483	L55662	L	298.4	309.5	1520	38.1	106	0	No Failure	
8484	L55663	L	298.3	309.4	1618	31.5	108	0	No Failure	
8485	L55664	L	298.4	309.5	1397	50.3	110	0	No Failure	
8486	L55665	L	298.4	309.5	1450	47.9	112	0	No Failure	
8487	M23346	M	298.5	309.5	1501	40.2	114	0	No Failure	
8488	L55667	L	298.4	309.4	1392	50.1	117	0	No Failure	
8489	L55668	L	298.4	309.4	1385	43.2	119	0	No Failure	
8490	L55669	L	298.4	309.4	1461	46.3	121	0	No Failure	
8491	M23350	M	298.5	309.6	1364	58.7	123	0	No Failure	
8492	L55671	L	298.5	309.5	1579	38.6	126	0	No Failure	
8493	M23352	M	298.4	309.5	1514	38.8	128	0	No Failure	
8494	M23353	M	298.3	309.5	1560	36.9	131	0	No Failure	
8495	L55674	L	298.3	309.5	1542	36.7	134	0	No Failure	
8496	L55675	L	298.3	309.4	1668	27.1	136	0	No Failure	
8497	M23356	M	298.3	309.4	1816	22.6	138	0	No Failure	
8498	M23357	M	298.3	309.4	1509	34.2	141	0	No Failure	
8499	L55678	L	298.4	309.6	1479	37.8	144	0	No Failure	
8500	L55679	L	298.4	309.6	1655	30.2	146	0	No Failure	
8501	L55680	L	298.3	309.5	1711	30.3	148	0	No Failure	
8502	L55681	L	298.4	309.7	1581	34.6	150	0	No Failure	
8503	H37916	H	298.6	309.8	1279	55.9	152	0	No Failure	
8504	L55683	L	298.5	309.8	1468	40.9	157	0	No Failure	
8505	L55684	L	298.4	309.7	1419	41.3	159	0	No Failure	
8506	L55685	L	298.4	309.7	1530	38.6	161	0	No Failure	
8507	L55686	L	298.4	309.6	1710	27.3	163	1	No Failure	
8508	L55687	L	298.4	309.7	1518	39.8	165	0	No Failure	
8509	M23368	M	298.4	309.7	1679	33.3	167	0	No Failure	
8510	M23369	M	298.4	309.7	1870	22.5	170	0	No Failure	
8511	L55690	L	298.3	309.7	1484	44.3	173	0	No Failure	

8512	L55691	L	298.4	309.7	1457	44.2	175	0	No Failure	
8513	H37926	H	298.3	309.6	1546	36.2	177	0	No Failure	
8514	M23373	M	298.2	309.5	1478	36.5	182	0	No Failure	
8515	L55694	L	298.2	309.4	1447	47.1	185	0	No Failure	
8516	L55695	L	298.2	309.4	1443	45.4	187	0	No Failure	
8517	L55696	L	298.3	309.6	1527	30.9	189	0	No Failure	
8518	M23377	M	298.3	309.6	1469	54.8	191	0	No Failure	
8519	M23378	M	298.3	309.6	1681	27.1	194	0	No Failure	
8520	L55699	L	298.3	309.6	1420	44.1	197	0	No Failure	
8521	M23380	M	298.3	309.5	1543	49.9	199	0	No Failure	
8522	L55701	L	298.4	309.5	1376	50.4	202	0	No Failure	
8523	H37936	H	298.3	309.4	1631	29.8	0	0	No Failure	
8524	H37937	H	298.3	309.3	1529	41.7	5	0	No Failure	
8525	L55704	L	298.3	309.4	1468	46.2	10	0	No Failure	
8526	L55705	L	298.3	309.4	1378	52.3	12	0	No Failure	
8527	L55706	L	298.3	309.3	1401	51.9	14	0	No Failure	
8528	L55707	L	298.4	309.3	1531	37.4	16	0	No Failure	
8529	L55708	L	298.4	309.3	1512	35.8	18	0	No Failure	
8530	M23389	M	298.5	309.4	1522	47.4	20	0	No Failure	
8531	M23390	M	298.5	309.3	1615	31.8	23	0	No Failure	
8532	L55711	L	298.6	309.3	1449	46.5	26	0	No Failure	
8533	L55712	L	298.6	309.4	1315	55.5	28	0	No Failure	
8534	M23393	M	298.6	309.4	1465	41.1	30	0	No Failure	
8535	M23394	M	298.6	309.5	1404	43.3	33	0	No Failure	
8536	L55715	L	298.6	309.5	1547	44.8	36	0	No Failure	
8537	M23396	M	298.6	309.5	1426	45.4	38	0	No Failure	
8538	L55717	L	298.6	309.5	1730	30.2	41	0	No Failure	
8539	L55718	L	298.5	309.4	1548	37.7	43	0	No Failure	
8540	L55719	L	298.5	309.4	1517	40.2	45	0	No Failure	
8541	L55720	L	298.6	309.5	1687	29.3	47	0	No Failure	
8542	L55721	L	298.5	309.5	1738	25.2	49	0	No Failure	
8543	H37956	H	298.4	309.4	1512	35.3	51	0	No Failure	
8544	M23403	M	298.5	309.4	1365	48.7	56	0	No Failure	
8545	H37958	H	298.5	309.4	2011	21	59	0	No Failure	
8546	L55725	L	298.4	309.3	1806	27.6	64	0	No Failure	
8547	L55726	L	298.4	309.3	1716	28.4	66	0	No Failure	
8548	M23407	M	298.4	309.4	1666	24.3	68	0	No Failure	
8549	L55728	L	298.5	309.4	1578	36.3	71	0	No Failure	

8550	L55729	L	298.3	309.3	1558	37.2	73	0	No Failure	
8551	L55730	L	298.3	309.2	1456	45.5	75	0	No Failure	
8552	M23411	M	298.2	309.1	1457	49	77	0	No Failure	
8553	L55732	L	298.2	309.1	1467	44.5	80	0	No Failure	
8554	M23413	M	298.1	309	1661	38.2	82	0	No Failure	
8555	L55734	L	298.1	309	1592	33.9	85	0	No Failure	
8556	L55735	L	298.2	309	1596	37.2	87	0	No Failure	
8557	L55736	L	298.2	309	1489	40.6	89	0	No Failure	
8558	L55737	L	298.3	309	1471	48.3	91	0	No Failure	
8559	M23418	M	298.3	309	1505	41.3	93	0	No Failure	
8560	L55739	L	298.3	309	1519	40	96	0	No Failure	
8561	L55740	L	298.3	309	1408	45.4	98	0	No Failure	
8562	L55741	L	298.2	308.9	1332	44.4	100	0	No Failure	
8563	L55742	L	298.1	308.9	1351	52.4	102	0	No Failure	
8564	L55743	L	298	308.9	1500	36.7	104	0	No Failure	
8565	M23424	M	298	308.7	1614	30.7	106	0	No Failure	
8566	L55745	L	298	308.8	1489	36.5	109	0	No Failure	
8567	M23426	M	297.9	308.7	1751	26.6	111	0	No Failure	
8568	L55747	L	298	308.7	1511	45.8	114	0	No Failure	
8569	L55748	L	297.9	308.6	1691	29.6	116	0	No Failure	
8570	L55749	L	297.9	308.6	1757	27.5	118	0	No Failure	
8571	H37984	H	297.9	308.7	1545	35.9	120	0	No Failure	
8572	L55751	L	297.9	308.6	2262	15.7	125	0	No Failure	
8573	M23432	M	297.7	308.5	1559	35.2	127	0	No Failure	
8574	L55753	L	297.6	308.4	1626	32.4	130	0	No Failure	
8575	L55754	L	297.6	308.3	1424	53.9	132	0	No Failure	
8576	M23435	M	297.6	308.3	1648	29.1	134	0	No Failure	
8577	L55756	L	297.6	308.3	1523	39.5	137	0	No Failure	
8578	L55757	L	297.6	308.3	1502	43.2	139	0	No Failure	
8579	L55758	L	297.5	308.2	1489	40.7	141	0	No Failure	
8580	M23439	M	297.4	308.1	1620	31.2	143	0	No Failure	
8581	L55760	L	297.5	308.1	1631	30.6	146	0	No Failure	
8582	M23441	M	297.5	308	1429	45.8	148	0	No Failure	
8583	M23442	M	297.5	308.1	1334	72	151	1	Power Failure	
8584	L55763	L	297.4	308	1423	38	154	0	No Failure	
8585	L55764	L	297.4	307.9	1390	47.7	156	0	No Failure	
8586	M23445	M	297.4	307.9	1338	48.5	158	0	No Failure	
8587	H38000	H	297.3	307.9	1461	37.5	161	0	No Failure	

8588	M23447	M	297.4	307.9	1627	34.3	166	0	No Failure	
8589	L55768	L	297.3	307.8	1385	44.4	169	0	No Failure	
8590	M23449	M	297.3	307.8	1538	48	171	0	No Failure	
8591	L55770	L	297.4	307.9	1557	35.5	174	0	No Failure	
8592	L55771	L	297.4	307.9	1606	33.4	176	0	No Failure	
8593	M23452	M	297.5	308	1430	44.5	178	0	No Failure	
8594	M23453	M	297.4	308	1601	34.6	181	0	No Failure	
8595	L55774	L	297.4	308	1356	51.9	184	0	No Failure	
8596	M23455	M	297.5	308.2	1624	30.9	186	0	No Failure	
8597	L55776	L	297.5	308.2	1327	56.5	189	0	No Failure	
8598	L55777	L	297.6	308.3	1410	47	191	0	No Failure	
8599	L55778	L	297.6	308.3	1478	42.3	193	0	No Failure	
8600	L55779	L	297.6	308.4	1460	40.3	195	0	No Failure	
8601	L55780	L	297.5	308.3	1435	40.3	197	0	No Failure	
8602	H38015	H	297.4	308.2	1359	46.9	199	0	No Failure	
8603	L55782	L	297.4	308.1	1729	31.7	204	0	No Failure	
8604	H38017	H	297.3	308	1384	49.1	206	0	No Failure	
8605	L55784	L	297.4	308.2	1297	52.1	211	0	No Failure	
8606	L55785	L	297.5	308.4	1633	33.3	213	0	No Failure	
8607	M23466	M	297.5	308.4	1505	37.2	215	0	No Failure	
8608	L55787	L	297.5	308.4	1433	50	218	0	No Failure	
8609	L55788	L	297.4	308.4	1369	50.6	220	1	Overstrain Failure	
8610	L55789	L	297.4	308.3	1475	40.5	222	1	Tool Wear Failure	
8611	L55790	L	297.4	308.3	1561	38.3	0	0	No Failure	
8612	L55791	L	297.4	308.3	1472	45.5	2	0	No Failure	
8613	L55792	L	297.5	308.4	1441	44.5	4	0	No Failure	
8614	M23473	M	297.5	308.5	1401	50.5	6	0	No Failure	
8615	L55794	L	297.5	308.5	1691	33.1	9	0	No Failure	
8616	L55795	L	297.6	308.6	1382	47.1	11	0	No Failure	
8617	L55796	L	297.6	308.6	1355	46.4	13	0	No Failure	
8618	L55797	L	297.6	308.6	1529	45.3	15	0	No Failure	
8619	L55798	L	297.7	308.7	1829	24.9	17	0	No Failure	
8620	H38033	H	297.6	308.6	1480	39.8	19	0	No Failure	
8621	L55800	L	297.6	308.5	1475	42.4	24	0	No Failure	
8622	M23481	M	297.6	308.5	1431	52.6	26	0	No Failure	
8623	L55802	L	297.5	308.3	1437	42.3	29	0	No Failure	
8624	M23483	M	297.5	308.3	1476	45.6	31	0	No Failure	
8625	H38038	H	297.5	308.4	1490	39.7	34	0	No Failure	

8626	L55805	L	297.4	308.3	1632	33.5	39	0	No Failure	
8627	L55806	L	297.4	308.2	1402	49.7	41	0	No Failure	
8628	L55807	L	297.4	308.3	1347	45.8	43	0	No Failure	
8629	L55808	L	297.5	308.4	1747	31	45	0	No Failure	
8630	H38043	H	297.5	308.5	1557	39.1	47	0	No Failure	
8631	L55810	L	297.4	308.4	1371	57.4	52	0	No Failure	
8632	H38045	H	297.3	308.3	1506	37	54	0	No Failure	
8633	L55812	L	297.3	308.3	1590	35.5	59	0	No Failure	
8634	L55813	L	297.4	308.3	1336	53.7	61	0	No Failure	
8635	L55814	L	297.3	308.3	1411	43.2	63	0	No Failure	
8636	L55815	L	297.4	308.3	1704	27.3	65	0	No Failure	
8637	L55816	L	297.5	308.4	1723	27.3	67	0	No Failure	
8638	L55817	L	297.5	308.5	1459	39.7	69	0	No Failure	
8639	L55818	L	297.6	308.5	1572	35.9	71	0	No Failure	
8640	L55819	L	297.5	308.4	1384	56	73	0	No Failure	
8641	L55820	L	297.6	308.6	1383	47.5	75	0	No Failure	
8642	M23501	M	297.6	308.5	1360	48.6	77	0	No Failure	
8643	M23502	M	297.5	308.4	1596	36.6	80	0	No Failure	
8644	L55823	L	297.5	308.5	1448	54.3	83	0	No Failure	
8645	M23504	M	297.6	308.5	1443	38.2	85	0	No Failure	
8646	M23505	M	297.6	308.6	1492	35.5	88	0	No Failure	
8647	L55826	L	297.5	308.6	1497	43.9	91	0	No Failure	
8648	L55827	L	297.5	308.5	1530	38.5	93	0	No Failure	
8649	M23508	M	297.4	308.4	1478	46.2	95	0	No Failure	
8650	L55829	L	297.4	308.4	1328	61.8	98	0	No Failure	
8651	H38064	H	297.4	308.3	1771	27.4	100	0	No Failure	
8652	M23511	M	297.4	308.4	1564	35	105	0	No Failure	
8653	H38066	H	297.3	308.3	1461	41.5	108	0	No Failure	
8654	M23513	M	297.4	308.3	1335	57.9	113	0	No Failure	
8655	M23514	M	297.4	308.4	1441	46.8	116	0	No Failure	
8656	L55835	L	297.3	308.3	1268	60.6	119	0	No Failure	
8657	M23516	M	297.3	308.3	1697	27.4	121	0	No Failure	
8658	L55837	L	297.4	308.4	1421	46	124	0	No Failure	
8659	L55838	L	297.4	308.5	1496	36.4	126	0	No Failure	
8660	L55839	L	297.5	308.5	1375	55.6	128	0	No Failure	
8661	L55840	L	297.4	308.5	1295	52.1	130	0	No Failure	
8662	L55841	L	297.4	308.5	1643	33.8	132	0	No Failure	
8663	L55842	L	297.5	308.6	1514	36.9	134	0	No Failure	

8664	L55843	L	297.5	308.6	1671	29.4	136	0	No Failure	
8665	H38078	H	297.5	308.6	1355	58.9	138	0	No Failure	
8666	L55845	L	297.6	308.7	1365	50.6	143	0	No Failure	
8667	L55846	L	297.5	308.7	1407	42.5	145	0	No Failure	
8668	M23527	M	297.5	308.8	1455	46.1	147	0	No Failure	
8669	L55848	L	297.5	308.8	1502	45.9	150	0	No Failure	
8670	M23529	M	297.5	308.8	1471	52.3	152	0	No Failure	
8671	L55850	L	297.5	308.9	1581	30.4	155	0	No Failure	
8672	L55851	L	297.5	308.8	1530	37.8	157	0	No Failure	
8673	L55852	L	297.5	308.8	1312	50.3	159	0	No Failure	
8674	L55853	L	297.4	308.6	1494	42.6	161	0	No Failure	
8675	M23534	M	297.4	308.6	1528	29.1	163	0	No Failure	
8676	H38089	H	297.3	308.6	1688	29.4	166	0	No Failure	
8677	M23536	M	297.3	308.5	1520	42.4	171	0	No Failure	
8678	M23537	M	297.3	308.5	1664	28.9	174	0	No Failure	
8679	L55858	L	297.3	308.5	1514	44.5	177	0	No Failure	
8680	L55859	L	297.3	308.5	1456	54.2	179	0	No Failure	
8681	L55860	L	297.2	308.5	1494	39.6	181	0	No Failure	
8682	L55861	L	297.2	308.4	1605	30	183	0	No Failure	
8683	M23542	M	297.2	308.5	1353	46.5	185	0	No Failure	
8684	L55863	L	297.2	308.5	1447	47.9	188	0	No Failure	
8685	L55864	L	297.2	308.5	1588	40.4	190	0	No Failure	
8686	H38099	H	297.2	308.5	1524	41.4	192	0	No Failure	
8687	M23546	M	297.2	308.5	1611	31.6	197	0	No Failure	
8688	M23547	M	297.2	308.5	1604	34.9	200	0	No Failure	
8689	L55868	L	297.1	308.5	1483	46.9	203	0	No Failure	
8690	L55869	L	297.1	308.4	1543	39.6	205	0	No Failure	
8691	L55870	L	297.1	308.5	1323	44.4	207	1	Tool Wear Failure	
8692	L55871	L	297.1	308.5	1555	36.2	0	0	No Failure	
8693	L55872	L	297.1	308.4	1583	31.9	2	0	No Failure	
8694	M23553	M	297.2	308.5	1584	40	4	0	No Failure	
8695	L55874	L	297.2	308.5	1766	25.8	7	0	No Failure	
8696	M23555	M	297.2	308.6	1498	44.4	9	0	No Failure	
8697	L55876	L	297.2	308.6	1413	49.8	12	0	No Failure	
8698	L55877	L	297.3	308.6	1505	33.5	14	0	No Failure	
8699	H38112	H	297.3	308.7	1438	46.2	16	0	No Failure	
8700	M23559	M	297.3	308.7	1655	34.1	21	0	No Failure	
8701	M23560	M	297.3	308.7	1451	43.8	24	0	No Failure	

8702	M23561	M	297.3	308.7	1466	38.4	27	0	No Failure	
8703	L55882	L	297.2	308.6	1774	23	30	0	No Failure	
8704	M23563	M	297.2	308.6	1284	51.3	32	0	No Failure	
8705	L55884	L	297.1	308.5	1425	40	35	0	No Failure	
8706	L55885	L	297.2	308.6	1437	52.4	37	0	No Failure	
8707	L55886	L	297.2	308.6	1335	53	39	0	No Failure	
8708	L55887	L	297.2	308.5	1471	41.7	41	0	No Failure	
8709	M23568	M	297.2	308.5	1364	54	43	0	No Failure	
8710	L55889	L	297.1	308.5	1578	35.6	46	0	No Failure	
8711	L55890	L	297.1	308.5	1712	32.1	48	0	No Failure	
8712	L55891	L	297.1	308.5	1733	28.7	50	0	No Failure	
8713	L55892	L	297.2	308.6	1652	32.1	52	0	No Failure	
8714	L55893	L	297.2	308.6	1917	24.1	54	0	No Failure	
8715	M23574	M	297.2	308.6	1444	41.1	56	0	No Failure	
8716	L55895	L	297.1	308.6	1442	37.1	59	0	No Failure	
8717	M23576	M	297.1	308.6	1717	31.3	61	0	No Failure	
8718	L55897	L	297.1	308.7	1474	42.3	64	0	No Failure	
8719	L55898	L	297.2	308.7	1509	39.3	66	0	No Failure	
8720	L55899	L	297.2	308.8	1451	43.1	68	0	No Failure	
8721	L55900	L	297.3	308.8	1554	36.1	70	0	No Failure	
8722	L55901	L	297.2	308.7	1669	30.7	72	0	No Failure	
8723	L55902	L	297.2	308.6	1366	50.4	74	0	No Failure	
8724	L55903	L	297.2	308.6	1578	34.4	76	0	No Failure	
8725	M23584	M	297.2	308.6	1513	39	78	0	No Failure	
8726	M23585	M	297.1	308.5	1515	42.1	81	0	No Failure	
8727	L55906	L	297.2	308.6	1562	33	84	0	No Failure	
8728	L55907	L	297.2	308.7	1501	38.5	86	0	No Failure	
8729	M23588	M	297.2	308.7	1398	38.1	88	0	No Failure	
8730	L55909	L	297.3	308.7	1352	53.8	91	0	No Failure	
8731	H38144	H	297.3	308.7	1569	33.9	93	0	No Failure	
8732	H38145	H	297.2	308.6	1486	46.6	98	0	No Failure	
8733	L55912	L	297.2	308.6	1864	23.6	103	0	No Failure	
8734	M23593	M	297.3	308.7	1447	44.5	105	0	No Failure	
8735	L55914	L	297.2	308.6	1392	41.5	108	0	No Failure	
8736	L55915	L	297.3	308.6	1358	47.6	110	0	No Failure	
8737	L55916	L	297.3	308.7	1491	40.2	112	0	No Failure	
8738	L55917	L	297.3	308.7	1556	36.7	114	0	No Failure	
8739	L55918	L	297.3	308.7	1531	36.7	116	0	No Failure	

8740	H38153	H	297.4	308.7	1429	37.6	118	0	No Failure	
8741	M23600	M	297.4	308.8	1573	33.9	123	0	No Failure	
8742	L55921	L	297.4	308.8	1538	41.2	126	0	No Failure	
8743	L55922	L	297.4	308.8	1467	39	128	0	No Failure	
8744	H38157	H	297.4	308.7	1323	51.1	130	0	No Failure	
8745	M23604	M	297.4	308.7	1798	23	135	0	No Failure	
8746	L55925	L	297.4	308.6	1411	46.3	138	0	No Failure	
8747	L55926	L	297.3	308.5	1528	44.5	140	0	No Failure	
8748	L55927	L	297.3	308.5	1504	42	142	0	No Failure	
8749	L55928	L	297.3	308.5	1384	39.6	144	0	No Failure	
8750	L55929	L	297.2	308.4	1677	26.4	146	0	No Failure	
8751	L55930	L	297.3	308.5	1764	30.8	148	0	No Failure	
8752	M23611	M	297.4	308.5	1472	42	150	0	No Failure	
8753	M23612	M	297.4	308.5	1465	55.9	153	0	No Failure	
8754	M23613	M	297.4	308.6	1657	33.1	156	0	No Failure	
8755	L55934	L	297.4	308.6	1635	30.5	159	0	No Failure	
8756	M23615	M	297.4	308.7	1582	31.9	161	0	No Failure	
8757	L55936	L	297.5	308.7	1761	26.2	164	0	No Failure	
8758	L55937	L	297.5	308.8	1587	34.9	166	0	No Failure	
8759	M23618	M	297.5	308.7	1446	53	168	0	No Failure	
8760	M23619	M	297.5	308.7	1352	53	171	0	No Failure	
8761	M23620	M	297.4	308.7	1392	46.4	174	0	No Failure	
8762	L55941	L	297.5	308.8	1417	49.8	177	0	No Failure	
8763	H38176	H	297.5	308.8	1824	24	179	0	No Failure	
8764	L55943	L	297.5	308.8	1603	36.7	184	0	No Failure	
8765	L55944	L	297.4	308.8	1620	33.4	186	0	No Failure	
8766	L55945	L	297.4	308.8	1353	49.4	188	0	No Failure	
8767	L55946	L	297.5	308.8	1360	50.7	190	0	No Failure	
8768	L55947	L	297.5	308.6	1380	53.5	192	0	No Failure	
8769	M23628	M	297.5	308.7	1363	53.6	194	0	No Failure	
8770	M23629	M	297.4	308.6	1452	41.2	197	0	No Failure	
8771	L55950	L	297.4	308.6	1680	32.8	200	0	No Failure	
8772	L55951	L	297.5	308.6	1536	39	202	0	No Failure	
8773	L55952	L	297.5	308.6	1621	28.9	0	0	No Failure	
8774	L55953	L	297.5	308.6	1585	37.6	2	0	No Failure	
8775	M23634	M	297.6	308.7	1408	51.5	4	0	No Failure	
8776	H38189	H	297.5	308.6	1536	38.7	7	0	No Failure	
8777	L55956	L	297.5	308.6	1352	52.6	12	0	No Failure	

8778	H38191	H	297.5	308.6	1481	38.8	14	0	No Failure	
8779	L55958	L	297.5	308.7	1454	45	19	0	No Failure	
8780	M23639	M	297.5	308.6	1349	51.5	21	0	No Failure	
8781	M23640	M	297.5	308.6	1327	52.1	24	0	No Failure	
8782	L55961	L	297.6	308.7	1552	42.3	27	0	No Failure	
8783	L55962	L	297.5	308.7	1456	44.7	29	0	No Failure	
8784	M23643	M	297.6	308.6	1254	45.8	31	0	No Failure	
8785	L55964	L	297.5	308.6	1437	43.3	34	0	No Failure	
8786	L55965	L	297.5	308.6	1694	27.1	36	0	No Failure	
8787	L55966	L	297.5	308.5	1306	50.7	38	0	No Failure	
8788	M23647	M	297.5	308.5	1699	30.1	40	0	No Failure	
8789	L55968	L	297.4	308.5	1369	53.2	43	0	No Failure	
8790	L55969	L	297.4	308.5	1471	43.9	45	0	No Failure	
8791	L55970	L	297.4	308.5	1410	43.9	47	0	No Failure	
8792	M23651	M	297.4	308.5	1412	45.5	49	0	No Failure	
8793	L55972	L	297.4	308.5	1418	51.2	52	0	No Failure	
8794	L55973	L	297.4	308.5	1782	25.9	54	0	No Failure	
8795	M23654	M	297.4	308.5	1497	36.4	56	0	No Failure	
8796	L55975	L	297.3	308.4	1459	39.4	59	0	No Failure	
8797	L55976	L	297.2	308.3	1796	23.8	61	0	No Failure	
8798	L55977	L	297.2	308.3	1569	31.2	63	0	No Failure	
8799	L55978	L	297.3	308.4	1469	46.7	65	0	No Failure	
8800	L55979	L	297.3	308.4	1472	41.3	67	0	No Failure	
8801	L55980	L	297.4	308.5	1475	47.2	69	0	No Failure	
8802	L55981	L	297.4	308.6	1488	36.4	71	0	No Failure	
8803	L55982	L	297.4	308.6	1524	43.1	73	0	No Failure	
8804	L55983	L	297.4	308.5	1486	48.6	75	0	No Failure	
8805	M23664	M	297.5	308.6	1255	60.7	77	0	No Failure	
8806	M23665	M	297.4	308.6	1469	42.6	80	0	No Failure	
8807	L55986	L	297.4	308.5	1692	34.3	83	0	No Failure	
8808	M23667	M	297.4	308.6	1604	32.8	85	0	No Failure	
8809	L55988	L	297.4	308.6	1446	48.1	88	0	No Failure	
8810	L55989	L	297.3	308.5	1503	43.3	90	0	No Failure	
8811	M23670	M	297.3	308.5	1625	32.8	92	0	No Failure	
8812	L55991	L	297.2	308.5	1574	35.8	95	0	No Failure	
8813	M23672	M	297.2	308.4	1378	41.9	97	0	No Failure	
8814	L55993	L	297.1	308.4	1693	29.5	100	0	No Failure	
8815	L55994	L	297.2	308.4	1462	51.2	102	0	No Failure	

8816	H38229	H	297.3	308.5	1435	55	104	0	No Failure	
8817	M23676	M	297.2	308.5	1425	45.8	109	0	No Failure	
8818	H38231	H	297.3	308.6	1376	53.5	112	0	No Failure	
8819	M23678	M	297.4	308.7	1481	48	117	0	No Failure	
8820	H38233	H	297.4	308.7	1349	48.9	120	0	No Failure	
8821	L56000	L	297.3	308.7	1551	40	125	0	No Failure	
8822	H38235	H	297.4	308.7	1623	33.8	127	0	No Failure	
8823	L56002	L	297.4	308.8	1462	49.7	132	0	No Failure	
8824	M23683	M	297.3	308.8	1447	57.4	134	0	No Failure	
8825	M23684	M	297.3	308.9	1799	24.5	137	0	No Failure	
8826	M23685	M	297.3	308.8	1548	41.3	140	0	No Failure	
8827	M23686	M	297.2	308.8	1485	47.9	143	0	No Failure	
8828	L56007	L	297.2	308.7	1463	49.9	146	0	No Failure	
8829	L56008	L	297.3	308.7	1587	35.8	148	0	No Failure	
8830	M23689	M	297.3	308.8	1469	44.1	150	0	No Failure	
8831	H38244	H	297.3	308.7	1430	42.8	153	0	No Failure	
8832	H38245	H	297.4	308.7	1726	26.8	158	0	No Failure	
8833	L56012	L	297.4	308.8	1651	34.1	163	0	No Failure	
8834	L56013	L	297.4	308.8	1529	41.3	165	0	No Failure	
8835	L56014	L	297.4	308.8	1473	46.2	167	0	No Failure	
8836	H38249	H	297.4	308.8	1324	53.5	169	0	No Failure	
8837	L56016	L	297.4	308.9	1708	28.8	174	0	No Failure	
8838	M23697	M	297.5	309.1	1540	38.5	176	0	No Failure	
8839	L56018	L	297.5	309	1320	54.7	179	0	No Failure	
8840	M23699	M	297.4	308.9	1376	39	181	0	No Failure	
8841	M23700	M	297.3	308.7	1542	37	184	0	No Failure	
8842	L56021	L	297.3	308.7	1506	39.3	187	0	No Failure	
8843	L56022	L	297.3	308.7	1492	43.6	189	0	No Failure	
8844	H38257	H	297.3	308.8	1564	38	191	0	No Failure	
8845	H38258	H	297.4	308.9	1645	30.8	196	0	No Failure	
8846	M23705	M	297.4	308.9	1348	59.1	201	0	No Failure	
8847	M23706	M	297.4	308.8	1325	62.4	204	1	Tool Wear Failure	
8848	L56027	L	297.5	308.9	1443	43.5	0	0	No Failure	
8849	M23708	M	297.5	308.9	1436	44.8	2	0	No Failure	
8850	L56029	L	297.5	308.9	1596	30.7	5	0	No Failure	
8851	L56030	L	297.6	309	1491	43.2	7	0	No Failure	
8852	M23711	M	297.7	308.9	1573	35.1	9	0	No Failure	
8853	L56032	L	297.7	308.9	1575	39.9	12	0	No Failure	

8854	L56033	L	297.7	308.9	1458	41.1	14	0	No Failure	
8855	M23714	M	297.7	309	1433	41.8	16	0	No Failure	
8856	L56035	L	297.7	308.9	1662	28.1	19	0	No Failure	
8857	M23716	M	297.7	308.9	1327	63.7	21	0	No Failure	
8858	L56037	L	297.7	308.9	1742	26.3	24	0	No Failure	
8859	L56038	L	297.8	308.9	1506	33.5	26	0	No Failure	
8860	L56039	L	297.9	309.1	1457	44.4	28	0	No Failure	
8861	M23720	M	297.9	309.1	1488	37.3	30	0	No Failure	
8862	L56041	L	297.9	309.1	1619	34.7	33	0	No Failure	
8863	M23722	M	298	309.2	1558	41.7	35	0	No Failure	
8864	L56043	L	298	309.2	1731	28.7	38	0	No Failure	
8865	M23724	M	298	309.1	1574	34.8	40	0	No Failure	
8866	L56045	L	297.9	309	1290	49.8	43	0	No Failure	
8867	H38280	H	297.9	308.9	1416	39.6	45	0	No Failure	
8868	L56047	L	297.9	308.9	1566	41.9	50	0	No Failure	
8869	L56048	L	297.9	309	1456	46.5	52	0	No Failure	
8870	L56049	L	297.9	309	1528	37.5	54	0	No Failure	
8871	M23730	M	297.9	309.1	1338	49.6	56	0	No Failure	
8872	M23731	M	297.9	309.1	1558	39.2	59	0	No Failure	
8873	M23732	M	297.9	309.1	1614	38.1	62	0	No Failure	
8874	H38287	H	298	309.1	1557	36.4	65	0	No Failure	
8875	L56054	L	298.1	309.3	1443	45.3	70	0	No Failure	
8876	H38289	H	298.1	309.3	1332	51	72	0	No Failure	
8877	M23736	M	298.1	309.3	1752	25.2	77	0	No Failure	
8878	M23737	M	298.1	309.2	1460	45.8	80	0	No Failure	
8879	L56058	L	298.1	309.2	1802	26.9	83	0	No Failure	
8880	L56059	L	298	309.2	1527	39.5	85	0	No Failure	
8881	L56060	L	298	309.2	1458	39.8	87	0	No Failure	
8882	H38295	H	298	309.2	1520	37.9	89	0	No Failure	
8883	L56062	L	298	309.2	1378	49.7	94	0	No Failure	
8884	M23743	M	297.9	309.2	1529	38.1	96	0	No Failure	
8885	L56064	L	298	309.2	1527	32.4	99	0	No Failure	
8886	M23745	M	298	309.2	1438	42.9	101	0	No Failure	
8887	L56066	L	297.9	309	1583	36.7	104	0	No Failure	
8888	L56067	L	297.8	308.9	1530	37.6	106	0	No Failure	
8889	M23748	M	297.7	308.9	1530	39.1	108	0	No Failure	
8890	M23749	M	297.7	308.8	2089	19.1	111	0	No Failure	
8891	L56070	L	297.7	308.8	1616	34.2	114	0	No Failure	

8892	M23751	M	297.7	308.9	1681	28.3	116	0	No Failure	
8893	L56072	L	297.6	308.8	1475	43	119	0	No Failure	
8894	L56073	L	297.5	308.7	1371	46.5	121	0	No Failure	
8895	M23754	M	297.5	308.7	1546	38	123	0	No Failure	
8896	H38309	H	297.4	308.6	1461	40.1	126	0	No Failure	
8897	L56076	L	297.4	308.7	1638	31.9	131	0	No Failure	
8898	M23757	M	297.3	308.7	1577	35.6	133	0	No Failure	
8899	L56078	L	297.4	308.6	1532	38.7	136	0	No Failure	
8900	M23759	M	297.3	308.5	1710	27.7	138	0	No Failure	
8901	M23760	M	297.3	308.6	1584	29.4	141	0	No Failure	
8902	L56081	L	297.3	308.6	1446	50.1	144	0	No Failure	
8903	H38316	H	297.4	308.7	1522	46.3	146	0	No Failure	
8904	M23763	M	297.4	308.7	1382	49.9	151	0	No Failure	
8905	L56084	L	297.4	308.7	1584	38.2	154	0	No Failure	
8906	L56085	L	297.3	308.6	1385	55.2	156	0	No Failure	
8907	L56086	L	297.3	308.7	1592	34.4	158	0	No Failure	
8908	M23767	M	297.2	308.6	1404	43.7	160	0	No Failure	
8909	L56088	L	297.2	308.5	1518	44.3	163	0	No Failure	
8910	L56089	L	297.1	308.4	1529	40.4	165	0	No Failure	
8911	L56090	L	297.1	308.4	1550	37	167	0	No Failure	
8912	L56091	L	297.1	308.3	1773	23.8	169	0	No Failure	
8913	L56092	L	297.2	308.5	1446	43.7	171	0	No Failure	
8914	M23773	M	297.2	308.5	1487	46.9	173	0	No Failure	
8915	M23774	M	297.3	308.5	1524	49.3	176	0	No Failure	
8916	L56095	L	297.1	308.3	1403	54.1	179	0	No Failure	
8917	L56096	L	297.1	308.2	2267	15.7	181	0	No Failure	
8918	M23777	M	297.1	308.2	1529	37.9	183	0	No Failure	
8919	L56098	L	297.1	308.2	1402	51.2	186	0	No Failure	
8920	L56099	L	297.2	308.3	1693	28	188	0	No Failure	
8921	L56100	L	297.1	308.3	1496	45.8	190	0	No Failure	
8922	L56101	L	297.1	308.1	1633	33.3	192	0	No Failure	
8923	L56102	L	297.1	308.2	1399	42.6	194	0	No Failure	
8924	M23783	M	297	308.1	1363	45.3	196	0	No Failure	
8925	H38338	H	297.1	308.2	1527	42.2	199	0	No Failure	
8926	M23785	M	297.2	308.2	1405	42.5	204	0	No Failure	
8927	M23786	M	297.3	308.3	1459	59.6	207	1	Power Failure	
8928	M23787	M	297.4	308.4	1789	25	210	0	No Failure	
8929	L56108	L	297.4	308.4	1531	41.5	213	0	No Failure	

8930	M23789	M	297.4	308.4	1620	35.8	215	0	No Failure	
8931	L56110	L	297.4	308.4	1571	39.4	0	0	No Failure	
8932	L56111	L	297.4	308.4	1434	39.9	2	0	No Failure	
8933	L56112	L	297.4	308.4	1474	43.6	4	0	No Failure	
8934	M23793	M	297.3	308.3	1544	41.7	6	0	No Failure	
8935	L56114	L	297.3	308.2	1601	35.7	9	0	No Failure	
8936	L56115	L	297.4	308.3	1801	26.9	11	0	No Failure	
8937	L56116	L	297.4	308.3	1465	42	13	0	No Failure	
8938	M23797	M	297.4	308.4	1340	52.6	15	0	No Failure	
8939	M23798	M	297.4	308.4	1517	41	18	0	No Failure	
8940	M23799	M	297.3	308.4	1434	44.8	21	0	No Failure	
8941	H38354	H	297.3	308.3	1935	19.3	24	0	No Failure	
8942	M23801	M	297.3	308.3	1595	32.2	29	0	No Failure	
8943	L56122	L	297.3	308.3	2188	17	32	0	No Failure	
8944	M23803	M	297.3	308.4	1449	44.4	34	0	No Failure	
8945	L56124	L	297.3	308.3	1471	38.2	37	0	No Failure	
8946	L56125	L	297.4	308.2	1639	33.8	39	0	No Failure	
8947	M23806	M	297.3	308.2	1846	24.5	41	0	No Failure	
8948	M23807	M	297.3	308.2	1452	38.2	44	0	No Failure	
8949	M23808	M	297.4	308.3	1483	41.9	47	0	No Failure	
8950	L56129	L	297.4	308.3	1284	60.3	50	0	No Failure	
8951	L56130	L	297.4	308.2	1419	50	52	0	No Failure	
8952	L56131	L	297.3	308.1	1763	28.4	54	0	No Failure	
8953	M23812	M	297.2	308	1478	42.5	56	0	No Failure	
8954	L56133	L	297.3	308	1518	36	59	0	No Failure	
8955	L56134	L	297.3	308	1447	49	61	0	No Failure	
8956	M23815	M	297.4	308	1355	55.1	63	0	No Failure	
8957	L56136	L	297.4	308.1	1348	57.4	66	0	No Failure	
8958	L56137	L	297.4	308.1	1348	53.7	68	0	No Failure	
8959	M23818	M	297.4	308.1	1734	27.7	70	0	No Failure	
8960	L56139	L	297.3	308	1420	46.5	73	0	No Failure	
8961	L56140	L	297.3	307.9	1797	24.7	75	0	No Failure	
8962	M23821	M	297.3	308	1403	45	77	0	No Failure	
8963	L56142	L	297.3	307.9	1628	30.2	80	0	No Failure	
8964	M23823	M	297.2	307.9	1687	30.4	82	0	No Failure	
8965	M23824	M	297.2	307.9	1456	44.9	85	0	No Failure	
8966	L56145	L	297.1	307.9	1496	44.7	88	0	No Failure	
8967	L56146	L	297.1	307.8	1636	30.3	90	0	No Failure	

8968	L56147	L	297.1	307.8	1536	40.4	92	0	No Failure	
8969	L56148	L	297.1	307.8	1454	50.6	94	0	No Failure	
8970	L56149	L	297	307.8	1396	50	96	0	No Failure	
8971	L56150	L	297	307.6	1575	37.4	98	0	No Failure	
8972	L56151	L	296.9	307.6	1514	35.7	100	0	No Failure	
8973	M23832	M	296.8	307.4	1455	49.9	102	0	No Failure	
8974	L56153	L	296.8	307.4	1549	48.3	105	0	No Failure	
8975	L56154	L	296.8	307.5	1474	42.4	107	0	No Failure	
8976	H38389	H	296.7	307.4	1661	34.2	109	0	No Failure	
8977	L56156	L	296.7	307.4	1535	34.6	114	0	No Failure	
8978	M23837	M	296.9	307.5	1556	31.2	116	0	No Failure	
8979	L56158	L	296.9	307.6	1435	45	119	0	No Failure	
8980	M23839	M	296.9	307.5	1332	51.1	121	0	No Failure	
8981	L56160	L	297	307.6	1513	42.4	124	0	No Failure	
8982	L56161	L	297	307.7	1502	39.4	126	0	No Failure	
8983	L56162	L	297	307.7	1315	60.1	128	0	No Failure	
8984	M23843	M	297	307.7	1261	51.1	130	0	No Failure	
8985	L56164	L	297.1	307.8	1406	60.4	133	0	No Failure	
8986	L56165	L	297.1	307.8	1584	42.3	135	0	No Failure	
8987	M23846	M	297.1	307.8	1443	43.9	137	0	No Failure	
8988	L56167	L	297.2	307.9	1580	35.8	140	0	No Failure	
8989	L56168	L	297.2	307.9	1825	24.6	142	0	No Failure	
8990	L56169	L	297.2	307.9	1469	48.2	144	0	No Failure	
8991	L56170	L	297.2	307.9	1493	38.4	146	0	No Failure	
8992	M23851	M	297.3	308	1598	29.4	148	0	No Failure	
8993	H38406	H	297.2	307.9	1450	37.2	151	0	No Failure	
8994	M23853	M	297.2	307.9	1632	37.5	156	0	No Failure	
8995	M23854	M	297.1	307.9	1980	20.3	159	0	No Failure	
8996	L56175	L	297.2	308	1474	43.7	162	0	No Failure	
8997	L56176	L	297.2	307.9	1540	37.1	164	0	No Failure	
8998	M23857	M	297.1	307.9	1609	38.9	166	0	No Failure	
8999	L56178	L	297.1	308	1467	42.8	169	0	No Failure	
9000	L56179	L	297.1	307.9	1492	39.4	171	0	No Failure	
9001	L56180	L	297	307.9	1493	46.1	173	0	No Failure	
9002	L56181	L	297	307.8	1500	39.9	175	0	No Failure	
9003	L56182	L	297.1	307.8	1477	36.6	177	0	No Failure	
9004	L56183	L	297.1	307.9	1342	49.1	179	0	No Failure	
9005	M23864	M	297.1	307.8	1538	34.3	181	0	No Failure	

9006	L56185	L	297.2	307.9	1337	58.1	184	0	No Failure	
9007	L56186	L	297.3	307.9	1417	41.8	186	0	No Failure	
9008	L56187	L	297.4	308	1383	46.2	188	0	No Failure	
9009	M23868	M	297.4	308	1440	42.4	190	0	No Failure	
9010	L56189	L	297.3	307.9	1579	34.4	193	0	No Failure	
9011	L56190	L	297.2	307.9	1441	40	195	0	No Failure	
9012	M23871	M	297.2	307.9	1530	35.9	197	0	No Failure	
9013	L56192	L	297.2	308	1705	26	200	0	No Failure	
9014	H38427	H	297.2	308	1435	43	202	0	No Failure	
9015	M23874	M	297.2	308.1	1340	61.3	207	1	Overstrain Failure	
9016	L56195	L	297.2	308.1	1431	49.7	210	1	No Failure	
9017	L56196	L	297.3	308.2	1396	52.7	212	1	Overstrain Failure	
9018	M23877	M	297.3	308.1	1369	52	214	0	No Failure	
9019	L56198	L	297.3	308.1	1615	35.4	217	1	Tool Wear Failure	
9020	L56199	L	297.2	308.1	1662	31.3	0	0	No Failure	
9021	L56200	L	297.3	308.2	1553	33.5	2	0	No Failure	
9022	M23881	M	297.4	308.2	1536	34.6	4	0	No Failure	
9023	L56202	L	297.4	308.3	1548	46.6	7	0	No Failure	
9024	L56203	L	297.4	308.3	1706	30.9	9	0	No Failure	
9025	L56204	L	297.4	308.3	1366	45.5	11	0	No Failure	
9026	L56205	L	297.5	308.4	1440	35.9	13	0	No Failure	
9027	M23886	M	297.5	308.4	1685	28.1	15	0	No Failure	
9028	M23887	M	297.4	308.3	1444	44	18	0	No Failure	
9029	L56208	L	297.4	308.3	1395	48.7	21	0	No Failure	
9030	L56209	L	297.4	308.3	1483	38.8	23	0	No Failure	
9031	M23890	M	297.5	308.4	1403	44.3	25	0	No Failure	
9032	H38445	H	297.5	308.4	1793	23.9	28	0	No Failure	
9033	L56212	L	297.4	308.3	1723	28.8	33	0	No Failure	
9034	L56213	L	297.4	308.2	1386	41	35	0	No Failure	
9035	H38448	H	297.4	308.2	1585	46.2	37	0	No Failure	
9036	M23895	M	297.3	308.1	1731	27.7	42	0	No Failure	
9037	L56216	L	297.3	308.3	1519	37.7	45	0	No Failure	
9038	L56217	L	297.3	308.2	1896	24.4	47	0	No Failure	
9039	L56218	L	297.3	308.3	2358	14.9	49	0	No Failure	
9040	M23899	M	297.3	308.3	1341	51.9	51	0	No Failure	
9041	L56220	L	297.3	308.3	1550	37	54	0	No Failure	
9042	L56221	L	297.3	308.3	1309	61.5	56	0	No Failure	
9043	M23902	M	297.3	308.4	1599	32.9	58	0	No Failure	

9044	L56223	L	297.4	308.4	1343	40	61	0	No Failure	
9045	L56224	L	297.4	308.4	1378	39.9	63	0	No Failure	
9046	L56225	L	297.4	308.4	1603	34.6	65	0	No Failure	
9047	L56226	L	297.4	308.4	1664	28.1	67	0	No Failure	
9048	L56227	L	297.3	308.4	1488	37.4	69	0	No Failure	
9049	M23908	M	297.3	308.4	1370	50.5	71	0	No Failure	
9050	L56229	L	297.3	308.5	1545	34.3	74	0	No Failure	
9051	M23910	M	297.4	308.5	1566	31.4	76	0	No Failure	
9052	L56231	L	297.4	308.6	1820	24.6	79	0	No Failure	
9053	M23912	M	297.4	308.6	1901	22.1	81	0	No Failure	
9054	M23913	M	297.4	308.5	1638	32.2	84	0	No Failure	
9055	M23914	M	297.3	308.4	1521	38.2	87	0	No Failure	
9056	H38469	H	297.3	308.4	1864	23.1	90	0	No Failure	
9057	L56236	L	297.3	308.3	1430	41.9	95	0	No Failure	
9058	M23917	M	297.3	308.4	1686	34.5	97	0	No Failure	
9059	M23918	M	297.2	308.3	1326	57.2	100	0	No Failure	
9060	L56239	L	297.2	308.3	1805	25.6	103	0	No Failure	
9061	H38474	H	297.2	308.3	1453	45.8	105	0	No Failure	
9062	M23921	M	297.2	308.4	1863	26	110	0	No Failure	
9063	L56242	L	297.2	308.3	1576	35.3	113	0	No Failure	
9064	L56243	L	297.2	308.3	1419	39.7	115	0	No Failure	
9065	L56244	L	297.2	308.4	1833	25.2	117	0	No Failure	
9066	H38479	H	297.2	308.4	2182	17.3	119	0	No Failure	
9067	L56246	L	297.2	308.3	1656	30.3	124	0	No Failure	
9068	L56247	L	297.1	308.2	1351	56.6	126	0	No Failure	
9069	H38482	H	297.1	308.2	1790	30.3	128	0	No Failure	
9070	M23929	M	297.2	308.2	1678	28.1	133	0	No Failure	
9071	L56250	L	297.1	308.2	1427	45.2	136	0	No Failure	
9072	L56251	L	297	308.1	1429	54	138	0	No Failure	
9073	H38486	H	297.2	308.1	1770	27.2	140	0	No Failure	
9074	L56253	L	297.2	308.1	1689	31.2	145	0	No Failure	
9075	M23934	M	297.2	308.1	1554	41.3	147	0	No Failure	
9076	L56255	L	297.3	308.1	1506	36	150	0	No Failure	
9077	L56256	L	297.2	308.1	1474	44.3	152	0	No Failure	
9078	L56257	L	297.3	308.1	1762	26.1	154	0	No Failure	
9079	L56258	L	297.3	308.1	1566	35.7	156	0	No Failure	
9080	H38493	H	297.3	308.1	1554	42.4	158	0	No Failure	
9081	L56260	L	297.2	308	1869	25.4	163	0	No Failure	

9082	L56261	L	297.3	308	1527	35.1	165	0	No Failure	
9083	L56262	L	297.2	307.9	1309	49.6	167	0	No Failure	
9084	M23943	M	297.2	307.9	1541	35.7	169	0	No Failure	
9085	L56264	L	297.2	307.9	1326	75.4	172	1	Power Failure	
9086	H38499	H	297.1	307.9	1365	54	174	0	No Failure	
9087	L56266	L	297.1	307.8	1428	43.7	179	0	No Failure	
9088	L56267	L	297.1	307.8	1681	27.6	181	0	No Failure	
9089	M23948	M	297.1	307.9	1662	26.9	183	0	No Failure	
9090	L56269	L	297.2	307.9	1989	20.3	186	0	No Failure	
9091	M23950	M	297.2	307.9	1747	29	188	0	No Failure	
9092	M23951	M	297.2	308	1765	31.1	191	0	No Failure	
9093	L56272	L	297.3	308.1	1568	34.4	194	0	No Failure	
9094	M23953	M	297.3	308.1	1709	30.6	196	0	No Failure	
9095	M23954	M	297.3	308.1	1370	58.8	199	0	No Failure	
9096	L56275	L	297.3	308.1	1458	45.7	202	0	No Failure	
9097	L56276	L	297.2	308.1	1712	30.9	204	0	No Failure	
9098	L56277	L	297.3	308.1	1642	36.9	206	0	No Failure	
9099	L56278	L	297.3	308.1	1468	49.8	0	0	No Failure	
9100	H38513	H	297.3	308.1	1477	52.3	2	0	No Failure	
9101	L56280	L	297.3	308.2	1446	53.5	7	0	No Failure	
9102	H38515	H	297.3	308.2	1653	31.4	9	0	No Failure	
9103	L56282	L	297.3	308.3	1494	38.2	14	0	No Failure	
9104	L56283	L	297.3	308.2	1490	41	16	0	No Failure	
9105	M23964	M	297.4	308.3	1550	47.8	18	0	No Failure	
9106	M23965	M	297.3	308.2	1677	34.9	21	0	No Failure	
9107	L56286	L	297.4	308.3	1854	21.8	24	0	No Failure	
9108	M23967	M	297.5	308.5	1662	30.3	26	0	No Failure	
9109	M23968	M	297.5	308.6	1440	38.8	29	0	No Failure	
9110	L56289	L	297.5	308.6	1513	39.7	32	0	No Failure	
9111	M23970	M	297.6	308.6	1389	49	34	0	No Failure	
9112	L56291	L	297.6	308.6	1351	51	37	0	No Failure	
9113	M23972	M	297.6	308.6	1482	38.3	39	0	No Failure	
9114	L56293	L	297.6	308.6	1744	28.5	42	0	No Failure	
9115	L56294	L	297.6	308.7	1476	39	44	0	No Failure	
9116	M23975	M	297.6	308.6	1444	48.2	46	0	No Failure	
9117	H38530	H	297.6	308.7	1659	32.1	49	0	No Failure	
9118	M23977	M	297.6	308.7	1475	46.6	54	0	No Failure	
9119	L56298	L	297.6	308.6	1526	42.1	57	0	No Failure	

9120	M23979	M	297.4	308.4	1675	29.5	59	0	No Failure	
9121	L56300	L	297.4	308.4	1525	38.7	62	0	No Failure	
9122	L56301	L	297.3	308.3	1396	45.9	64	0	No Failure	
9123	L56302	L	297.4	308.4	1580	41.2	66	0	No Failure	
9124	L56303	L	297.4	308.5	1462	42.8	68	0	No Failure	
9125	L56304	L	297.4	308.4	1426	50.4	70	0	No Failure	
9126	L56305	L	297.4	308.5	1569	34.2	72	0	No Failure	
9127	L56306	L	297.4	308.5	1477	40.7	74	0	No Failure	
9128	L56307	L	297.4	308.5	1761	27.2	76	0	No Failure	
9129	M23988	M	297.5	308.6	1486	45.9	78	0	No Failure	
9130	L56309	L	297.6	308.6	1664	30.1	81	0	No Failure	
9131	L56310	L	297.6	308.6	1576	32.7	83	0	No Failure	
9132	H38545	H	297.6	308.6	1463	46.7	85	0	No Failure	
9133	M23992	M	297.6	308.6	1585	42	90	0	No Failure	
9134	L56313	L	297.7	308.7	1479	45.7	93	0	No Failure	
9135	L56314	L	297.7	308.7	1449	40.2	95	0	No Failure	
9136	H38549	H	297.7	308.8	1404	50.3	97	0	No Failure	
9137	L56316	L	297.7	308.7	1694	29.1	102	0	No Failure	
9138	L56317	L	297.7	308.7	1731	28.4	104	0	No Failure	
9139	L56318	L	297.6	308.6	1522	37	106	0	No Failure	
9140	L56319	L	297.5	308.5	1536	36.9	108	0	No Failure	
9141	L56320	L	297.5	308.5	1373	39.9	110	0	No Failure	
9142	L56321	L	297.5	308.5	1597	36.4	112	0	No Failure	
9143	L56322	L	297.6	308.5	1678	34.2	114	0	No Failure	
9144	L56323	L	297.6	308.5	1452	42.6	116	0	No Failure	
9145	M24004	M	297.5	308.5	1447	41.6	118	0	No Failure	
9146	L56325	L	297.6	308.5	1574	37.1	121	0	No Failure	
9147	L56326	L	297.6	308.6	1528	40	123	0	No Failure	
9148	L56327	L	297.7	308.7	1688	27.2	125	0	No Failure	
9149	L56328	L	297.6	308.6	1393	40.4	127	0	No Failure	
9150	M24009	M	297.5	308.6	1429	50.5	129	0	No Failure	
9151	M24010	M	297.5	308.6	1347	57	132	0	No Failure	
9152	L56331	L	297.6	308.6	1553	40.5	135	0	No Failure	
9153	L56332	L	297.5	308.6	1260	53.6	137	0	No Failure	
9154	L56333	L	297.5	308.6	1546	33.8	139	0	No Failure	
9155	L56334	L	297.5	308.6	1596	36	141	0	No Failure	
9156	L56335	L	297.5	308.5	1340	57.4	143	0	No Failure	
9157	M24016	M	297.5	308.4	1369	54.8	145	0	No Failure	

9158	L56337	L	297.5	308.5	1462	52.3	148	0	No Failure	
9159	H38572	H	297.4	308.4	1487	46.2	150	0	No Failure	
9160	M24019	M	297.5	308.6	1510	35.5	155	0	No Failure	
9161	H38574	H	297.5	308.5	1671	28	158	0	No Failure	
9162	M24021	M	297.5	308.5	1612	30	163	0	No Failure	
9163	M24022	M	297.6	308.6	1509	39.7	166	0	No Failure	
9164	L56343	L	297.6	308.6	1415	47.3	169	0	No Failure	
9165	L56344	L	297.6	308.6	2384	14.4	171	0	No Failure	
9166	L56345	L	297.6	308.6	1326	62.4	173	0	No Failure	
9167	M24026	M	297.6	308.6	1390	53.4	175	0	No Failure	
9168	M24027	M	297.6	308.7	1392	41.2	178	0	No Failure	
9169	H38582	H	297.6	308.8	1385	44.4	181	0	No Failure	
9170	L56349	L	297.7	308.8	1896	24.5	186	0	No Failure	
9171	L56350	L	297.7	308.7	1474	46.8	188	0	No Failure	
9172	M24031	M	297.7	308.8	1388	45.6	190	0	No Failure	
9173	L56352	L	297.7	308.9	1715	27.2	193	0	No Failure	
9174	H38587	H	297.8	308.9	1650	32.2	195	0	No Failure	
9175	L56354	L	297.8	308.9	1871	25.6	200	1	Tool Wear Failure	
9176	L56355	L	297.8	309	1403	64.2	0	1	Power Failure	
9177	L56356	L	297.8	308.9	1518	40.4	2	0	No Failure	
9178	L56357	L	297.9	309.1	1504	43	4	0	No Failure	
9179	L56358	L	297.8	309	1340	56.9	6	0	No Failure	
9180	H38593	H	297.9	309.1	1435	44.7	8	0	No Failure	
9181	L56360	L	297.9	309.1	1507	36.9	13	0	No Failure	
9182	L56361	L	297.9	309.1	1521	36.1	15	0	No Failure	
9183	M24042	M	297.8	309	1576	45	17	0	No Failure	
9184	L56363	L	297.9	309.1	1543	36.6	20	0	No Failure	
9185	L56364	L	298	309.2	1665	36.6	22	0	No Failure	
9186	L56365	L	297.9	309.1	1442	50.3	24	0	No Failure	
9187	L56366	L	297.9	309	1629	29	26	0	No Failure	
9188	L56367	L	297.9	309	1379	47.3	28	0	No Failure	
9189	L56368	L	297.9	309	1502	40.2	30	0	No Failure	
9190	L56369	L	297.9	309.1	1595	32	32	0	No Failure	
9191	M24050	M	298	309	1439	38.5	34	0	No Failure	
9192	M24051	M	297.9	309	1970	21.6	37	0	No Failure	
9193	L56372	L	297.9	309	1562	35.8	40	0	No Failure	
9194	M24053	M	297.9	309	1530	40.9	42	0	No Failure	
9195	L56374	L	297.9	308.9	1393	40.6	45	0	No Failure	

9196	L56375	L	297.9	309	1532	37.6	47	0	No Failure	
9197	L56376	L	298	308.9	1607	37.7	49	0	No Failure	
9198	M24057	M	297.9	308.8	1469	49	51	0	No Failure	
9199	M24058	M	297.9	308.8	1538	37.6	54	0	No Failure	
9200	L56379	L	297.9	308.8	1613	31.4	57	0	No Failure	
9201	M24060	M	297.9	308.8	1602	32.1	59	0	No Failure	
9202	L56381	L	297.8	308.7	1404	44.2	62	0	No Failure	
9203	L56382	L	297.8	308.8	1548	36.9	64	0	No Failure	
9204	L56383	L	297.8	308.8	1559	35.2	66	0	No Failure	
9205	L56384	L	297.8	308.8	1621	36.1	68	0	No Failure	
9206	L56385	L	297.8	308.8	1579	32.9	70	0	No Failure	
9207	M24066	M	297.9	308.9	1547	44	72	0	No Failure	
9208	L56387	L	297.9	308.8	1386	48.6	75	0	No Failure	
9209	L56388	L	298	308.9	1406	40.9	77	0	No Failure	
9210	M24069	M	298	309	1393	55.9	79	0	No Failure	
9211	M24070	M	297.9	309	2456	13.9	82	0	No Failure	
9212	M24071	M	298	309	1409	49.1	85	0	No Failure	
9213	L56392	L	298	308.9	1390	53.9	88	0	No Failure	
9214	L56393	L	298	309	1679	32.4	90	0	No Failure	
9215	L56394	L	298	308.9	1508	37.1	92	0	No Failure	
9216	L56395	L	297.9	308.8	1681	31.7	94	0	No Failure	
9217	H38630	H	297.7	308.8	1469	43.7	96	0	No Failure	
9218	L56397	L	297.8	308.8	1421	49.6	101	0	No Failure	
9219	L56398	L	297.7	308.8	1354	50.2	103	0	No Failure	
9220	M24079	M	297.7	308.8	1350	57	105	0	No Failure	
9221	L56400	L	297.8	308.9	1282	58.1	108	0	No Failure	
9222	M24081	M	297.8	309	1675	30	110	0	No Failure	
9223	M24082	M	297.9	309	1525	38.5	113	0	No Failure	
9224	L56403	L	297.9	309	1382	43.9	116	0	No Failure	
9225	L56404	L	297.9	309	1450	46.8	118	0	No Failure	
9226	L56405	L	298	309.1	1820	23.6	120	0	No Failure	
9227	L56406	L	298	309.1	1822	23.5	122	0	No Failure	
9228	L56407	L	298	309.1	1473	44.3	124	0	No Failure	
9229	M24088	M	298.1	309.1	1572	37.5	126	0	No Failure	
9230	M24089	M	298.1	309	2042	17.8	129	0	No Failure	
9231	L56410	L	298.2	309.2	1922	22.6	132	0	No Failure	
9232	L56411	L	298.2	309.1	1539	36.5	134	0	No Failure	
9233	L56412	L	298.2	309.1	1350	52	136	0	No Failure	

9234	L56413	L	298.3	309.1	1403	45.1	138	0	No Failure	
9235	L56414	L	298.3	309.1	1904	20.3	140	0	No Failure	
9236	M24095	M	298.2	308.9	1592	35.2	142	0	No Failure	
9237	L56416	L	298.1	308.7	1556	31.6	145	0	No Failure	
9238	M24097	M	298.1	308.8	1811	25.4	147	0	No Failure	
9239	M24098	M	298.2	308.8	1456	41.2	150	0	No Failure	
9240	H38653	H	298.2	308.8	1436	51.9	153	0	No Failure	
9241	M24100	M	298.1	308.7	1362	49.6	158	0	No Failure	
9242	L56421	L	298.1	308.7	1683	29.1	161	0	No Failure	
9243	M24102	M	298.2	308.7	1269	60.9	163	0	No Failure	
9244	L56423	L	298.3	308.8	1454	49	166	0	No Failure	
9245	L56424	L	298.3	308.8	1767	27.3	168	0	No Failure	
9246	L56425	L	298.3	308.9	1708	27.3	170	0	No Failure	
9247	L56426	L	298.3	308.9	1862	27	172	0	No Failure	
9248	L56427	L	298.3	308.9	1695	30.7	174	0	No Failure	
9249	M24108	M	298.3	309.1	1488	40.6	176	0	No Failure	
9250	L56429	L	298.3	309	1657	32.2	179	0	No Failure	
9251	H38664	H	298.3	309	1823	25.9	181	0	No Failure	
9252	M24111	M	298.2	309.1	1651	28.8	186	0	No Failure	
9253	M24112	M	298.1	309	1533	36.1	189	0	No Failure	
9254	M24113	M	298.2	309	1508	40.5	192	0	No Failure	
9255	L56434	L	298.3	309.1	1616	31.1	195	0	No Failure	
9256	L56435	L	298.2	309	1651	31.5	197	0	No Failure	
9257	L56436	L	298.2	309.1	1569	35.2	199	0	No Failure	
9258	M24117	M	298.3	309.1	1296	58.7	201	0	No Failure	
9259	H38672	H	298.3	309	1379	43.2	0	0	No Failure	
9260	M24119	M	298.2	309	1694	28	5	0	No Failure	
9261	L56440	L	298.2	309	1377	57.8	8	0	No Failure	
9262	H38675	H	298.3	309	1470	38.4	10	0	No Failure	
9263	M24122	M	298.3	309.1	1404	47	15	0	No Failure	
9264	L56443	L	298.3	309.1	1593	40.1	18	0	No Failure	
9265	M24124	M	298.3	309	1526	36.9	20	0	No Failure	
9266	M24125	M	298.3	308.9	1390	49.7	23	0	No Failure	
9267	L56446	L	298.2	308.9	1737	25.5	26	0	No Failure	
9268	L56447	L	298.2	308.8	1362	57.3	28	0	No Failure	
9269	L56448	L	298.2	308.8	1666	31.5	30	0	No Failure	
9270	L56449	L	298.2	308.8	1354	60.9	32	0	No Failure	
9271	L56450	L	298.2	308.8	1302	60.4	34	0	No Failure	

9272	L56451	L	298.2	308.7	1991	20.5	36	0	No Failure	
9273	L56452	L	298.2	308.6	1353	54.1	38	0	No Failure	
9274	H38687	H	298.2	308.7	1520	35.7	40	0	No Failure	
9275	L56454	L	298.2	308.7	1428	54.9	45	0	No Failure	
9276	L56455	L	298.2	308.7	1605	29.4	47	0	No Failure	
9277	L56456	L	298.1	308.7	1691	30.3	49	0	No Failure	
9278	L56457	L	298.2	308.7	1447	48.4	51	0	No Failure	
9279	H38692	H	298.2	308.8	1606	39.9	53	0	No Failure	
9280	M24139	M	298.2	308.8	1645	28.2	58	0	No Failure	
9281	H38694	H	298.2	308.8	1470	43.3	61	0	No Failure	
9282	L56461	L	298.2	308.9	1336	45	66	0	No Failure	
9283	M24142	M	298.2	308.9	1414	44.3	68	0	No Failure	
9284	M24143	M	298.3	309	1802	27.5	71	0	No Failure	
9285	L56464	L	298.2	308.9	1683	31.7	74	0	No Failure	
9286	M24145	M	298.2	309	1410	47.6	76	0	No Failure	
9287	L56466	L	298.2	308.9	1605	32	79	0	No Failure	
9288	L56467	L	298.2	308.9	1709	28.1	81	0	No Failure	
9289	L56468	L	298.2	308.9	1444	53.1	83	0	No Failure	
9290	L56469	L	298.2	308.9	1367	45	85	0	No Failure	
9291	L56470	L	298.2	309	1418	44.2	87	0	No Failure	
9292	L56471	L	298.2	309	1353	57.8	89	0	No Failure	
9293	L56472	L	298.2	309	1643	34.1	91	0	No Failure	
9294	L56473	L	298.3	309.1	1437	38	93	0	No Failure	
9295	L56474	L	298.1	309	1437	36.2	95	0	No Failure	
9296	M24155	M	298.2	309	1413	47.9	97	0	No Failure	
9297	H38710	H	298.2	309	1524	39.1	100	0	No Failure	
9298	M24157	M	298.1	308.9	1479	43.4	105	0	No Failure	
9299	L56478	L	298.1	308.9	1313	50.6	108	0	No Failure	
9300	M24159	M	298.1	308.9	1335	50.4	110	0	No Failure	
9301	L56480	L	298.1	308.9	1367	41.9	113	0	No Failure	
9302	M24161	M	298.1	308.9	1459	50.3	115	0	No Failure	
9303	M24162	M	298.1	308.9	1804	25.1	118	0	No Failure	
9304	L56483	L	298.2	309	1491	38.3	121	0	No Failure	
9305	L56484	L	298.3	309.1	1537	43	123	0	No Failure	
9306	H38719	H	298.3	309.1	1646	30.2	125	0	No Failure	
9307	M24166	M	298.3	309.2	1783	28.3	130	0	No Failure	
9308	L56487	L	298.3	309.1	1395	49.8	133	0	No Failure	
9309	L56488	L	298.4	309.1	1423	48	135	0	No Failure	

9310	L56489	L	298.3	309.2	1562	37.6	137	0	No Failure	
9311	L56490	L	298.4	309.3	1549	40.8	139	0	No Failure	
9312	L56491	L	298.4	309.4	1540	43.2	141	0	No Failure	
9313	H38726	H	298.5	309.4	1573	33.6	143	0	No Failure	
9314	L56493	L	298.5	309.4	1418	45.1	148	0	No Failure	
9315	M24174	M	298.5	309.4	1565	33.7	150	0	No Failure	
9316	L56495	L	298.5	309.5	1569	41	153	0	No Failure	
9317	H38730	H	298.5	309.4	1417	41.2	155	0	No Failure	
9318	L56497	L	298.5	309.5	1480	38.1	160	0	No Failure	
9319	L56498	L	298.5	309.4	1364	44.5	162	0	No Failure	
9320	L56499	L	298.5	309.4	1911	21.5	164	0	No Failure	
9321	L56500	L	298.4	309.3	1409	43.1	166	0	No Failure	
9322	L56501	L	298.4	309.2	1335	53.5	168	0	No Failure	
9323	M24182	M	298.5	309.3	1512	38.1	170	0	No Failure	
9324	L56503	L	298.6	309.4	1447	40.2	173	0	No Failure	
9325	L56504	L	298.6	309.3	1537	37.6	175	0	No Failure	
9326	M24185	M	298.6	309.3	1510	40.8	177	0	No Failure	
9327	L56506	L	298.6	309.3	1677	31.2	180	0	No Failure	
9328	L56507	L	298.5	309.2	1504	33.7	182	0	No Failure	
9329	H38742	H	298.5	309.1	2051	19	184	0	No Failure	
9330	L56509	L	298.5	309.1	1474	41.3	189	0	No Failure	
9331	M24190	M	298.4	309	1507	36.1	191	0	No Failure	
9332	L56511	L	298.4	308.9	1496	37.9	194	0	No Failure	
9333	M24192	M	298.5	309	1921	22	196	0	No Failure	
9334	L56513	L	298.5	309	1450	40.5	199	0	No Failure	
9335	L56514	L	298.4	308.9	1402	44.8	201	0	No Failure	
9336	L56515	L	298.4	308.9	1501	50	203	0	No Failure	
9337	L56516	L	298.5	308.9	1725	31.9	205	0	No Failure	
9338	H38751	H	298.5	308.9	1500	40.3	207	0	No Failure	
9339	H38752	H	298.5	309	1531	30.8	212	0	No Failure	
9340	L56519	L	298.5	309	1458	44.8	217	0	No Failure	
9341	H38754	H	298.4	308.9	1577	37.1	0	0	No Failure	
9342	M24201	M	298.3	308.9	1363	46.1	5	0	No Failure	
9343	H38756	H	298.3	308.9	1706	31.8	8	0	No Failure	
9344	M24203	M	298.3	308.8	1391	50.4	13	0	No Failure	
9345	L56524	L	298.2	308.8	1616	33.7	16	0	No Failure	
9346	L56525	L	298.2	308.8	1442	47	18	0	No Failure	
9347	M24206	M	298.2	308.8	1626	40.4	20	0	No Failure	

9348	M24207	M	298.2	308.7	1426	42.6	23	0	No Failure	
9349	L56528	L	298.2	308.7	1436	49.1	26	0	No Failure	
9350	M24209	M	298.2	308.7	1599	36.2	28	0	No Failure	
9351	L56530	L	298.2	308.7	2186	17.8	31	0	No Failure	
9352	L56531	L	298.3	308.8	1645	30.4	33	0	No Failure	
9353	L56532	L	298.2	308.7	1780	27.9	35	0	No Failure	
9354	L56533	L	298.2	308.8	1345	44.3	37	0	No Failure	
9355	M24214	M	298.2	308.8	1607	31.9	39	0	No Failure	
9356	L56535	L	298.3	308.9	1708	28	42	0	No Failure	
9357	L56536	L	298.3	308.9	1270	52.7	44	0	No Failure	
9358	M24217	M	298.3	308.9	1646	25.4	46	0	No Failure	
9359	L56538	L	298.2	308.7	1407	45.1	49	0	No Failure	
9360	M24219	M	298.1	308.7	1581	47.4	51	0	No Failure	
9361	L56540	L	298	308.6	1532	42.6	54	0	No Failure	
9362	L56541	L	298	308.6	1610	33.1	56	0	No Failure	
9363	M24222	M	298	308.5	1682	33	58	0	No Failure	
9364	L56543	L	297.9	308.5	1519	34.3	61	0	No Failure	
9365	L56544	L	297.9	308.5	1683	28.5	63	0	No Failure	
9366	M24225	M	298	308.6	1254	55.8	65	0	No Failure	
9367	L56546	L	298	308.5	1461	48	68	0	No Failure	
9368	L56547	L	297.9	308.5	1472	45.1	70	0	No Failure	
9369	L56548	L	297.7	308.4	1510	38.6	72	0	No Failure	
9370	M24229	M	297.7	308.3	1547	36.8	74	0	No Failure	
9371	H38784	H	297.7	308.4	1418	51.9	77	0	No Failure	
9372	L56551	L	297.7	308.4	1289	51.3	82	0	No Failure	
9373	L56552	L	297.7	308.4	1487	41.4	84	0	No Failure	
9374	L56553	L	297.7	308.5	1453	45.5	86	0	No Failure	
9375	M24234	M	297.8	308.5	1466	44.7	88	0	No Failure	
9376	H38789	H	297.7	308.4	1288	49.5	91	0	No Failure	
9377	H38790	H	297.7	308.4	1738	27.7	96	0	No Failure	
9378	H38791	H	297.7	308.3	1488	41	101	0	No Failure	
9379	L56558	L	297.6	308.3	1816	28.8	106	0	No Failure	
9380	L56559	L	297.5	308.2	1419	48.5	108	0	No Failure	
9381	L56560	L	297.4	308.1	1435	45.7	110	0	No Failure	
9382	M24241	M	297.5	308.1	1480	42.4	112	0	No Failure	
9383	L56562	L	297.5	308.2	1610	33.6	115	0	No Failure	
9384	H38797	H	297.5	308.1	1548	38.2	117	0	No Failure	
9385	M24244	M	297.6	308.1	1379	57.4	122	0	No Failure	

9386	M24245	M	297.5	308.1	1907	23.5	125	0	No Failure	
9387	M24246	M	297.5	308	2033	16.7	128	0	No Failure	
9388	H38801	H	297.4	307.9	1390	52	131	0	No Failure	
9389	M24248	M	297.5	307.9	1544	37.9	136	0	No Failure	
9390	L56569	L	297.6	308	1258	57.4	139	0	No Failure	
9391	M24250	M	297.5	308	1560	39	141	0	No Failure	
9392	H38805	H	297.6	308.2	2071	18.5	144	0	No Failure	
9393	L56572	L	297.6	308.1	1437	46.3	149	0	No Failure	
9394	H38807	H	297.7	308.2	1489	43	151	0	No Failure	
9395	L56574	L	297.7	308.2	1334	53	156	0	No Failure	
9396	L56575	L	297.7	308.2	1500	39.9	158	0	No Failure	
9397	L56576	L	297.8	308.3	1498	47.3	160	0	No Failure	
9398	M24257	M	297.7	308.2	1370	53.4	162	0	No Failure	
9399	H38812	H	297.7	308.2	1526	40.1	165	0	No Failure	
9400	L56579	L	297.8	308.3	1477	44.8	170	0	No Failure	
9401	L56580	L	297.7	308.2	1446	43.9	172	0	No Failure	
9402	M24261	M	297.7	308.2	1720	25.6	174	0	No Failure	
9403	L56582	L	297.7	308.1	1734	30.7	177	0	No Failure	
9404	L56583	L	297.7	308.1	1697	29.1	179	0	No Failure	
9405	L56584	L	297.7	308.2	2007	19.3	181	0	No Failure	
9406	M24265	M	297.7	308.1	1469	48.8	183	0	No Failure	
9407	M24266	M	297.7	308.1	2189	15.6	186	0	No Failure	
9408	L56587	L	297.8	308.3	1435	50.1	189	0	No Failure	
9409	H38822	H	297.9	308.4	1637	34.5	191	0	No Failure	
9410	L56589	L	298	308.5	1664	28.3	196	0	No Failure	
9411	M24270	M	298	308.5	1666	31	198	0	No Failure	
9412	L56591	L	298	308.5	1404	46.6	201	0	No Failure	
9413	L56592	L	298	308.5	1702	26.7	203	0	No Failure	
9414	L56593	L	298.1	308.6	1439	44.9	205	0	No Failure	
9415	L56594	L	298.1	308.6	1354	53.9	207	1	Overstrain Failure	
9416	M24275	M	298.2	308.7	1361	44.2	0	0	No Failure	
9417	M24276	M	298.1	308.5	1463	45.9	3	0	No Failure	
9418	H38831	H	298.1	308.4	1515	43.8	6	0	No Failure	
9419	L56598	L	298	308.4	1432	46.2	11	0	No Failure	
9420	L56599	L	298	308.4	1911	22	13	0	No Failure	
9421	L56600	L	298	308.4	1472	42	15	0	No Failure	
9422	M24281	M	298.1	308.5	1382	54.5	17	0	No Failure	
9423	L56602	L	298.1	308.5	1665	29.6	20	0	No Failure	

9424	L56603	L	298.1	308.5	1676	30.5	22	0	No Failure	
9425	M24284	M	298	308.5	1585	33	24	0	No Failure	
9426	M24285	M	298.1	308.6	1415	46.3	27	0	No Failure	
9427	L56606	L	298.1	308.7	1341	55.7	30	0	No Failure	
9428	L56607	L	298.2	308.8	1540	34.8	32	0	No Failure	
9429	H38842	H	298.2	308.8	1837	28.4	34	0	No Failure	
9430	L56609	L	298.2	308.8	1498	36	39	0	No Failure	
9431	L56610	L	298.1	308.7	1671	28.8	41	0	No Failure	
9432	L56611	L	298	308.6	1430	57	43	0	No Failure	
9433	L56612	L	298	308.7	1619	40.1	45	0	No Failure	
9434	M24293	M	298	308.7	1430	51.9	47	0	No Failure	
9435	L56614	L	298	308.6	1626	33.3	50	0	No Failure	
9436	L56615	L	298	308.7	1443	49.3	52	0	No Failure	
9437	L56616	L	298	308.6	1481	42.5	54	0	No Failure	
9438	M24297	M	298.1	308.7	1527	43	56	0	No Failure	
9439	M24298	M	298.1	308.7	1315	56.8	59	0	No Failure	
9440	M24299	M	298.1	308.8	1433	48.2	62	0	No Failure	
9441	M24300	M	298.1	308.8	1378	53.5	65	0	No Failure	
9442	L56621	L	298.1	308.8	1432	43.4	68	0	No Failure	
9443	M24302	M	298.1	308.8	1394	47.9	70	0	No Failure	
9444	H38857	H	298	308.8	1411	53.8	73	0	No Failure	
9445	L56624	L	298.1	308.9	2136	15.9	78	0	No Failure	
9446	M24305	M	298.2	309	1446	45.8	80	0	No Failure	
9447	H38860	H	298.1	308.9	1388	53.5	83	0	No Failure	
9448	M24307	M	298.1	308.9	1323	51.7	88	0	No Failure	
9449	L56628	L	298.2	309	1780	29.3	91	0	No Failure	
9450	M24309	M	298.1	308.8	1434	41.8	93	0	No Failure	
9451	M24310	M	298	308.7	1494	42.6	96	0	No Failure	
9452	H38865	H	298	308.7	1536	39.6	99	0	No Failure	
9453	M24312	M	298	308.7	1392	53.4	104	0	No Failure	
9454	H38867	H	298.2	309	1360	56.8	107	0	No Failure	
9455	L56634	L	298.4	309.2	1583	35.4	112	0	No Failure	
9456	L56635	L	298.5	309.2	1983	20.2	114	0	No Failure	
9457	L56636	L	298.5	309.3	1630	33.3	116	0	No Failure	
9458	M24317	M	298.5	309.3	1692	26.7	118	0	No Failure	
9459	L56638	L	298.4	309.1	1417	40.6	121	0	No Failure	
9460	L56639	L	298.4	309.1	1579	36.1	123	0	No Failure	
9461	M24320	M	298.4	309.2	1399	45.2	125	0	No Failure	

9462	M24321	M	298.4	309.2	1414	46.4	128	0	No Failure	
9463	L56642	L	298.5	309.3	1570	40.1	131	0	No Failure	
9464	M24323	M	298.5	309.3	1552	36.8	133	0	No Failure	
9465	L56644	L	298.6	309.4	1440	48.2	136	0	No Failure	
9466	M24325	M	298.6	309.4	1460	43.8	138	0	No Failure	
9467	L56646	L	298.6	309.4	1471	48	141	0	No Failure	
9468	L56647	L	298.6	309.3	1702	27.6	143	0	No Failure	
9469	L56648	L	298.6	309.4	1375	55.4	145	0	No Failure	
9470	L56649	L	298.6	309.4	1698	33.2	147	0	No Failure	
9471	H38884	H	298.6	309.4	1439	47.1	149	0	No Failure	
9472	M24331	M	298.6	309.4	1774	27.5	154	0	No Failure	
9473	M24332	M	298.7	309.4	1375	48.3	157	0	No Failure	
9474	L56653	L	298.7	309.5	1446	40	160	0	No Failure	
9475	M24334	M	298.7	309.6	1455	46.8	162	0	No Failure	
9476	L56655	L	298.8	309.6	1523	41.9	165	0	No Failure	
9477	M24336	M	298.8	309.6	1692	31.9	167	0	No Failure	
9478	M24337	M	298.8	309.6	1693	33.3	170	0	No Failure	
9479	L56658	L	298.8	309.6	1890	24	173	0	No Failure	
9480	H38893	H	298.9	309.6	1600	33.5	175	0	No Failure	
9481	M24340	M	298.9	309.6	1434	43.8	180	0	No Failure	
9482	L56661	L	298.9	309.6	1365	50.9	183	0	No Failure	
9483	H38896	H	298.8	309.6	1309	57.4	185	0	No Failure	
9484	H38897	H	298.9	309.6	1546	35.3	190	0	No Failure	
9485	L56664	L	298.9	309.6	1663	33.7	195	0	No Failure	
9486	L56665	L	298.9	309.6	1589	34.2	197	0	No Failure	
9487	M24346	M	298.9	309.6	1472	46	199	0	No Failure	
9488	L56667	L	298.9	309.6	1583	39.8	202	0	No Failure	
9489	M24348	M	298.9	309.6	1567	34.5	204	0	No Failure	
9490	L56669	L	298.9	309.7	1407	41.9	207	0	No Failure	
9491	M24350	M	299	309.7	1418	44.7	209	0	No Failure	
9492	M24351	M	299	309.7	1489	40.7	212	0	No Failure	
9493	L56672	L	299.1	309.9	1586	36.6	215	0	No Failure	
9494	L56673	L	299.1	309.8	1398	55.4	217	1	Overstrain Failure	
9495	L56674	L	299.2	309.9	1516	41.4	219	0	No Failure	
9496	H38909	H	299.3	310	1373	44.8	221	0	No Failure	
9497	M24356	M	299.2	310	1349	50.4	226	0	No Failure	
9498	H38911	H	299.1	309.9	1443	40.3	0	0	No Failure	
9499	H38912	H	299.2	310.1	1542	36.1	5	0	No Failure	

9500	L56679	L	299.2	310.1	1534	37.7	10	0	No Failure	
9501	L56680	L	299.2	310.2	1697	30.6	12	0	No Failure	
9502	L56681	L	299.3	310.3	1396	47.4	14	0	No Failure	
9503	L56682	L	299.3	310.2	1495	49.2	16	0	No Failure	
9504	M24363	M	299.2	310.3	1551	44.8	18	0	No Failure	
9505	L56684	L	299.2	310.3	1440	47	21	0	No Failure	
9506	L56685	L	299.2	310.3	1429	40.1	23	0	No Failure	
9507	H38920	H	299.3	310.4	1548	41.6	25	0	No Failure	
9508	L56687	L	299.3	310.5	1505	38.8	30	0	No Failure	
9509	L56688	L	299.2	310.4	1611	36.4	32	0	No Failure	
9510	M24369	M	299.2	310.4	1502	39.8	34	0	No Failure	
9511	M24370	M	299.2	310.4	1504	43.3	37	0	No Failure	
9512	L56691	L	299.1	310.3	1449	40.7	40	0	No Failure	
9513	L56692	L	299	310.2	1575	37.8	42	0	No Failure	
9514	M24373	M	299	310.2	1598	33.4	44	0	No Failure	
9515	L56694	L	299	310.1	1416	45.9	47	0	No Failure	
9516	L56695	L	299	310.2	1682	28.8	49	0	No Failure	
9517	L56696	L	298.9	310.1	1341	54.5	51	0	No Failure	
9518	L56697	L	298.9	310.1	1523	39.1	53	0	No Failure	
9519	L56698	L	299	310.1	1580	41.9	55	0	No Failure	
9520	L56699	L	299	310.1	1531	36	57	0	No Failure	
9521	L56700	L	299	310.1	1375	48.9	59	0	No Failure	
9522	M24381	M	298.9	310.1	1484	40.4	61	0	No Failure	
9523	M24382	M	299	310.2	1657	32.3	64	0	No Failure	
9524	L56703	L	299	310.2	1494	40.6	67	0	No Failure	
9525	H38938	H	299	310.3	1658	27.6	69	0	No Failure	
9526	L56705	L	299.1	310.3	1411	42.1	74	0	No Failure	
9527	M24386	M	299.2	310.4	1395	55.4	76	0	No Failure	
9528	L56707	L	299.1	310.4	1550	43.9	79	0	No Failure	
9529	M24388	M	299.1	310.3	1233	59	81	0	No Failure	
9530	L56709	L	299.1	310.3	1459	46.7	84	0	No Failure	
9531	H38944	H	299.1	310.4	1405	53.6	86	0	No Failure	
9532	L56711	L	299.2	310.5	1458	44.1	91	0	No Failure	
9533	L56712	L	299.2	310.5	1384	48.7	93	0	No Failure	
9534	L56713	L	299.2	310.5	1705	29.5	95	0	No Failure	
9535	L56714	L	299.3	310.6	1443	45.7	97	0	No Failure	
9536	M24395	M	299.3	310.6	1609	31.4	99	0	No Failure	
9537	L56716	L	299.3	310.5	1818	26	102	0	No Failure	

9538	M24397	M	299.3	310.6	1457	42.1	104	0	No Failure	
9539	L56718	L	299.3	310.6	1480	45.1	107	0	No Failure	
9540	L56719	L	299.4	310.8	1424	47.7	109	0	No Failure	
9541	M24400	M	299.4	310.8	1628	40.2	111	0	No Failure	
9542	M24401	M	299.5	310.8	1754	31.3	114	0	No Failure	
9543	L56722	L	299.6	310.9	1716	28.5	117	0	No Failure	
9544	M24403	M	299.5	310.9	1378	48.7	119	0	No Failure	
9545	L56724	L	299.6	311	1708	31	122	0	No Failure	
9546	L56725	L	299.6	311	1430	38.3	124	0	No Failure	
9547	M24406	M	299.7	311.2	1560	43.9	126	0	No Failure	
9548	L56727	L	299.6	311.1	1679	30.7	129	0	No Failure	
9549	L56728	L	299.6	311.1	1521	37.2	131	0	No Failure	
9550	M24409	M	299.6	311.1	1649	33.8	133	0	No Failure	
9551	M24410	M	299.5	311	1451	43.3	136	0	No Failure	
9552	L56731	L	299.4	310.8	1391	48.9	139	0	No Failure	
9553	M24412	M	299.3	310.8	1523	40.9	141	0	No Failure	
9554	L56733	L	299.3	310.7	1495	39.2	144	0	No Failure	
9555	M24414	M	299.3	310.7	1440	45.5	146	0	No Failure	
9556	H38969	H	299.4	310.8	1585	31.4	149	0	No Failure	
9557	L56736	L	299.5	310.8	1374	48.3	154	0	No Failure	
9558	M24417	M	299.5	310.8	1507	40.2	156	0	No Failure	
9559	M24418	M	299.5	310.9	1577	34.6	159	0	No Failure	
9560	L56739	L	299.5	310.9	1496	38.5	162	0	No Failure	
9561	L56740	L	299.6	310.9	1487	42.5	164	0	No Failure	
9562	L56741	L	299.6	310.9	1853	26.3	166	0	No Failure	
9563	M24422	M	299.7	311	1435	50.1	168	0	No Failure	
9564	M24423	M	299.8	311.1	1763	25.5	171	0	No Failure	
9565	L56744	L	299.8	311.1	1820	24.9	174	0	No Failure	
9566	M24425	M	299.8	311.1	1498	38.1	176	0	No Failure	
9567	L56746	L	299.8	311.1	1603	35.1	179	0	No Failure	
9568	L56747	L	299.8	311.1	1412	42.5	181	0	No Failure	
9569	L56748	L	299.8	311.1	1588	38	183	0	No Failure	
9570	M24429	M	299.8	311	1948	20	185	0	No Failure	
9571	L56750	L	299.7	310.9	1384	48.2	188	0	No Failure	
9572	L56751	L	299.7	310.8	1589	36	190	0	No Failure	
9573	M24432	M	299.7	310.8	1405	47.6	192	0	No Failure	
9574	L56753	L	299.7	310.9	1491	40.1	195	0	No Failure	
9575	H38988	H	299.7	310.8	1418	46.6	197	0	No Failure	

9576	M24435	M	299.6	310.8	1603	35.4	202	0	No Failure	
9577	L56756	L	299.6	310.7	1922	23.3	205	1	Tool Wear Failure	
9578	M24437	M	299.5	310.7	1364	49.5	0	0	No Failure	
9579	L56758	L	299.4	310.7	1551	41.2	3	0	No Failure	
9580	L56759	L	299.5	310.7	1589	33.5	5	0	No Failure	
9581	M24440	M	299.5	310.7	1423	56.5	7	0	No Failure	
9582	L56761	L	299.4	310.6	1418	53.1	10	0	No Failure	
9583	M24442	M	299.3	310.5	1404	47.5	12	0	No Failure	
9584	L56763	L	299.3	310.5	1281	59.8	15	0	No Failure	
9585	L56764	L	299.3	310.5	1529	41.3	17	0	No Failure	
9586	M24445	M	299.3	310.5	1563	42.1	19	0	No Failure	
9587	L56766	L	299.4	310.6	1348	54.5	22	0	No Failure	
9588	M24447	M	299.3	310.5	1462	40.5	24	0	No Failure	
9589	H39002	H	299.3	310.4	1510	45.5	27	0	No Failure	
9590	L56769	L	299.2	310.4	1472	43.3	32	0	No Failure	
9591	M24450	M	299.2	310.4	1325	52	34	0	No Failure	
9592	L56771	L	299.2	310.4	1570	37.3	37	0	No Failure	
9593	L56772	L	299.2	310.4	1379	46.8	39	0	No Failure	
9594	L56773	L	299.1	310.2	1352	52.8	41	0	No Failure	
9595	L56774	L	299.1	310.3	1727	28.7	43	0	No Failure	
9596	H39009	H	299	310.1	1432	50	45	0	No Failure	
9597	L56776	L	298.9	310.1	1466	43.4	50	0	No Failure	
9598	L56777	L	298.9	310.1	1510	38	52	0	No Failure	
9599	L56778	L	299	310.2	1490	41.1	54	0	No Failure	
9600	L56779	L	299	310.1	1463	37.4	56	0	No Failure	
9601	M24460	M	298.9	310	1561	45.3	58	0	No Failure	
9602	L56781	L	298.9	310.1	2109	18	61	0	No Failure	
9603	L56782	L	298.9	310.2	1705	32.5	63	0	No Failure	
9604	M24463	M	298.9	310.1	1549	40.2	65	0	No Failure	
9605	H39018	H	299	310.2	1637	38	68	0	No Failure	
9606	M24465	M	298.9	310.1	1484	37.9	73	0	No Failure	
9607	L56786	L	298.9	310.1	1401	44.4	76	0	No Failure	
9608	L56787	L	298.9	310.1	1571	36.8	78	0	No Failure	
9609	M24468	M	298.9	310.1	1513	41.5	80	0	No Failure	
9610	L56789	L	299	310.1	1470	40.3	83	0	No Failure	
9611	L56790	L	299	310.1	1505	41.3	85	0	No Failure	
9612	L56791	L	299	310.2	1432	42.2	87	0	No Failure	
9613	M24472	M	299	310.2	1625	31.8	89	0	No Failure	

9614	L56793	L	299	310.2	1377	62.5	92	1	Power Failure	
9615	M24474	M	299.1	310.3	1441	43.9	94	0	No Failure	
9616	M24475	M	299	310.2	1564	39.9	97	0	No Failure	
9617	L56796	L	298.9	310.1	1580	37.3	100	0	No Failure	
9618	L56797	L	299	310.2	1516	35.3	102	0	No Failure	
9619	L56798	L	299	310.1	1447	42.8	104	0	No Failure	
9620	M24479	M	298.9	310	1323	52.9	106	0	No Failure	
9621	L56800	L	298.9	310	1470	45.9	109	0	No Failure	
9622	M24481	M	299	310	2049	19.5	111	0	No Failure	
9623	L56802	L	298.9	310	1794	27.2	114	0	No Failure	
9624	L56803	L	298.9	310.1	1356	47.8	116	0	No Failure	
9625	H39038	H	299	310.1	1555	38.6	118	0	No Failure	
9626	M24485	M	299	310.1	1487	47.5	123	0	No Failure	
9627	M24486	M	299	310	1341	58.9	126	0	No Failure	
9628	M24487	M	298.9	310	1487	36.6	129	0	No Failure	
9629	H39042	H	299	310	1569	34.3	132	0	No Failure	
9630	H39043	H	299	310.1	2053	19.7	137	0	No Failure	
9631	L56810	L	299	310.1	1583	35.8	142	0	No Failure	
9632	L56811	L	299	310	1672	33.2	144	0	No Failure	
9633	M24492	M	299	310	1337	57.4	146	0	No Failure	
9634	H39047	H	299.1	310.1	1421	41.2	149	0	No Failure	
9635	L56814	L	299.1	310.2	1425	52.7	154	0	No Failure	
9636	L56815	L	299.2	310.2	1609	33.2	156	0	No Failure	
9637	L56816	L	299.2	310.3	1507	41.3	158	0	No Failure	
9638	L56817	L	299.2	310.3	1463	38.9	160	0	No Failure	
9639	H39052	H	299.3	310.4	1393	44.9	162	0	No Failure	
9640	L56819	L	299.3	310.4	1725	26.8	167	0	No Failure	
9641	L56820	L	299.4	310.5	1514	36.1	169	0	No Failure	
9642	L56821	L	299.3	310.4	1365	53.9	171	0	No Failure	
9643	L56822	L	299.4	310.5	1372	46.3	173	0	No Failure	
9644	L56823	L	299.4	310.4	1509	40.6	175	0	No Failure	
9645	L56824	L	299.3	310.4	1629	32.6	177	0	No Failure	
9646	L56825	L	299.4	310.5	1749	28.1	179	0	No Failure	
9647	L56826	L	299.4	310.4	1582	31.7	181	0	No Failure	
9648	L56827	L	299.2	310.2	1458	47	183	0	No Failure	
9649	L56828	L	299.1	310.1	1416	41.2	185	0	No Failure	
9650	H39063	H	299.1	310	1657	33.1	187	0	No Failure	
9651	M24510	M	299.1	310	1437	41.1	192	0	No Failure	

9652	M24511	M	299.1	310	1580	36	195	0	No Failure	
9653	M24512	M	299	310	1488	46.3	198	0	No Failure	
9654	L56833	L	299	309.9	1373	55.7	201	1	Overstrain Failure	
9655	L56834	L	299.1	310	1367	56.3	203	1	Overstrain Failure	
9656	H39069	H	299.1	310	1431	49.5	205	0	No Failure	
9657	L56836	L	299	310.1	1623	33	210	0	No Failure	
9658	L56837	L	299	310	1484	39.6	212	0	No Failure	
9659	L56838	L	299	309.9	1548	34.5	214	0	No Failure	
9660	L56839	L	298.9	309.8	1287	61.9	216	1	Overstrain Failure	
9661	M24520	M	298.9	309.8	1392	43.1	218	0	No Failure	
9662	H39075	H	299	310	1458	44.9	221	0	No Failure	
9663	M24522	M	299.1	310.1	1570	30.9	226	0	No Failure	
9664	L56843	L	299.1	310.1	1435	48.8	229	1	Overstrain Failure	
9665	L56844	L	299.1	310.2	1317	54.8	231	1	Overstrain Failure	
9666	L56845	L	299.2	310.3	1610	33.3	233	0	No Failure	
9667	M24526	M	299.1	310.3	1838	24	235	0	No Failure	
9668	L56847	L	299.2	310.3	1352	48.9	238	1	Overstrain Failure	
9669	L56848	L	299.1	310.3	1619	35.2	240	0	No Failure	
9670	L56849	L	299.1	310.3	1619	31.1	242	0	No Failure	
9671	L56850	L	299	310.2	1690	30.7	244	0	No Failure	
9672	L56851	L	299	310.2	1412	44.1	246	0	No Failure	
9673	H39086	H	299	310.2	1744	31.5	0	0	No Failure	
9674	M24533	M	299	310.1	1593	35.4	5	0	No Failure	
9675	L56854	L	299.1	310.2	1695	29.6	8	0	No Failure	
9676	M24535	M	299	310.2	1298	57.2	10	0	No Failure	
9677	L56856	L	299	310.1	1886	21.2	13	0	No Failure	
9678	L56857	L	299	310.1	2033	19.3	15	0	No Failure	
9679	M24538	M	299.1	310.2	1711	28.1	17	0	No Failure	
9680	L56859	L	299.1	310.2	1598	33.4	20	0	No Failure	
9681	L56860	L	299.1	310.1	1894	24.2	22	0	No Failure	
9682	M24541	M	299.1	310.1	1412	44.4	24	0	No Failure	
9683	L56862	L	299.1	310	1394	46.6	27	0	No Failure	
9684	M24543	M	299	310	1338	56.4	29	0	No Failure	
9685	H39098	H	298.9	309.9	1376	51	32	0	No Failure	
9686	L56865	L	299	310	1360	48.1	37	0	No Failure	
9687	L56866	L	299.1	310.1	1486	40.7	39	0	No Failure	
9688	M24547	M	299.1	310.1	1649	31.6	41	0	No Failure	
9689	L56868	L	299.1	310.1	1367	45.6	44	0	No Failure	

9690	L56869	L	299	310.1	1362	59.5	46	0	No Failure	
9691	M24550	M	298.9	310	1520	35.6	48	0	No Failure	
9692	L56871	L	299	310	1582	31.9	51	0	No Failure	
9693	M24552	M	299	310	1667	30	53	0	No Failure	
9694	L56873	L	298.9	310	1693	28.8	56	0	No Failure	
9695	L56874	L	298.9	310	1559	33.4	58	0	No Failure	
9696	L56875	L	298.9	309.9	1592	32	60	0	No Failure	
9697	L56876	L	298.9	309.9	1404	39.8	62	0	No Failure	
9698	M24557	M	298.8	309.8	1413	45.5	64	0	No Failure	
9699	L56878	L	298.8	309.8	1663	28.2	67	0	No Failure	
9700	L56879	L	298.8	309.8	1508	36.3	69	0	No Failure	
9701	M24560	M	298.9	309.8	1353	53.7	71	0	No Failure	
9702	L56881	L	298.8	309.8	1485	42.4	74	0	No Failure	
9703	L56882	L	298.9	310	1633	31.2	76	0	No Failure	
9704	L56883	L	298.9	310	1422	43.6	78	0	No Failure	
9705	L56884	L	298.9	310.1	1577	41.4	80	0	No Failure	
9706	L56885	L	298.9	310	1482	41.1	82	0	No Failure	
9707	M24566	M	299	310.1	1705	30.1	84	0	No Failure	
9708	L56887	L	299	310.1	1699	32.9	87	0	No Failure	
9709	L56888	L	299	310.1	1664	29.7	89	0	No Failure	
9710	M24569	M	299	310	1486	34.6	91	0	No Failure	
9711	L56890	L	299.1	310.1	1336	61.3	94	0	No Failure	
9712	H39125	H	299.1	310.1	1429	42.9	96	0	No Failure	
9713	M24572	M	299.1	310.2	1456	48.4	101	0	No Failure	
9714	L56893	L	299.1	310.2	1496	45	104	0	No Failure	
9715	L56894	L	299.1	310.1	1894	20.1	106	0	No Failure	
9716	L56895	L	299.1	310.1	1373	55.6	108	0	No Failure	
9717	H39130	H	299	310	1387	45.2	110	0	No Failure	
9718	L56897	L	298.9	309.9	1500	44.2	115	0	No Failure	
9719	L56898	L	298.9	309.9	1517	36.6	117	0	No Failure	
9720	L56899	L	298.9	309.9	1309	56.2	119	0	No Failure	
9721	M24580	M	298.9	309.9	1357	54.5	121	0	No Failure	
9722	L56901	L	298.8	309.8	1490	40.6	124	0	No Failure	
9723	H39136	H	298.8	309.8	1911	21.6	126	0	No Failure	
9724	L56903	L	298.8	309.8	1599	33.6	131	0	No Failure	
9725	M24584	M	298.8	309.7	2098	19	133	0	No Failure	
9726	M24585	M	298.7	309.7	1629	27.9	136	0	No Failure	
9727	L56906	L	298.8	309.8	1557	37.2	139	0	No Failure	

9728	L56907	L	298.8	309.8	1461	39.4	141	0	No Failure	
9729	L56908	L	298.8	309.8	1563	33.7	143	0	No Failure	
9730	L56909	L	298.7	309.8	1695	29	145	0	No Failure	
9731	L56910	L	298.8	310	1528	36.7	147	0	No Failure	
9732	L56911	L	298.8	310	1389	49.6	149	0	No Failure	
9733	L56912	L	298.9	310	2231	17.4	151	0	No Failure	
9734	M24593	M	298.9	310.1	1442	42.9	153	0	No Failure	
9735	H39148	H	298.9	310.1	1458	44.3	156	0	No Failure	
9736	L56915	L	299	310.1	1444	47.7	161	0	No Failure	
9737	M24596	M	298.9	310	1348	58.2	163	0	No Failure	
9738	L56917	L	298.9	310	1791	27.6	166	0	No Failure	
9739	L56918	L	299	310	1509	38	168	0	No Failure	
9740	L56919	L	298.9	310	1515	42.9	170	0	No Failure	
9741	M24600	M	298.9	310.1	1655	31.5	172	0	No Failure	
9742	L56921	L	298.9	310.1	1495	42.9	175	0	No Failure	
9743	L56922	L	298.9	310.2	1623	37.2	177	0	No Failure	
9744	L56923	L	298.9	310.2	1562	42.5	179	0	No Failure	
9745	L56924	L	298.8	310.1	1574	36.2	181	0	No Failure	
9746	L56925	L	298.8	310	1611	32.4	183	0	No Failure	
9747	L56926	L	298.8	310	1403	45.6	185	0	No Failure	
9748	L56927	L	298.8	310.1	1481	47.4	187	0	No Failure	
9749	M24608	M	298.9	310.1	1441	41.2	189	0	No Failure	
9750	H39163	H	298.8	310.1	1483	45.4	192	0	No Failure	
9751	L56930	L	298.7	310	1555	32.6	197	0	No Failure	
9752	L56931	L	298.6	309.9	1615	28.8	199	0	No Failure	
9753	L56932	L	298.6	309.8	1561	32.6	201	0	No Failure	
9754	L56933	L	298.5	309.8	1593	35.1	203	0	No Failure	
9755	M24614	M	298.5	309.7	1552	34	205	0	No Failure	
9756	H39169	H	298.5	309.7	1561	35.3	208	0	No Failure	
9757	L56936	L	298.6	309.8	1597	35.9	213	0	No Failure	
9758	M24617	M	298.6	309.9	1517	34	215	0	No Failure	
9759	L56938	L	298.6	309.8	2271	16.2	218	1	Tool Wear Failure	
9760	L56939	L	298.5	309.7	1613	36.7	0	0	No Failure	
9761	M24620	M	298.5	309.6	1509	47.3	2	0	No Failure	
9762	L56941	L	298.6	309.7	1703	26.1	5	0	No Failure	
9763	L56942	L	298.6	309.7	1925	22.1	7	0	No Failure	
9764	M24623	M	298.6	309.6	1635	29.7	9	0	No Failure	
9765	L56944	L	298.5	309.5	1294	66.7	12	1	Power Failure	

9766	L56945	L	298.6	309.6	1472	39.1	14	0	No Failure	
9767	H39180	H	298.6	309.6	1449	42.5	16	0	No Failure	
9768	L56947	L	298.6	309.6	1563	35	21	0	No Failure	
9769	L56948	L	298.6	309.6	1611	35.7	23	0	No Failure	
9770	L56949	L	298.6	309.6	1386	48.6	25	0	No Failure	
9771	H39184	H	298.6	309.5	1584	31.8	27	0	No Failure	
9772	M24631	M	298.7	309.6	1424	50.4	32	0	No Failure	
9773	L56952	L	298.5	309.5	1561	34.8	35	0	No Failure	
9774	L56953	L	298.5	309.4	1560	37.9	37	0	No Failure	
9775	H39188	H	298.6	309.5	1375	41	39	0	No Failure	
9776	M24635	M	298.6	309.5	1684	27.8	44	0	No Failure	
9777	M24636	M	298.6	309.6	1397	54.1	47	0	No Failure	
9778	L56957	L	298.6	309.6	1387	57.6	50	0	No Failure	
9779	H39192	H	298.7	309.7	1311	54.5	52	0	No Failure	
9780	L56959	L	298.8	309.8	1509	36.2	57	0	No Failure	
9781	M24640	M	298.8	309.8	1477	46.7	59	0	No Failure	
9782	L56961	L	298.8	309.9	1441	41.6	62	0	No Failure	
9783	L56962	L	298.7	309.9	1404	47.1	64	0	No Failure	
9784	H39197	H	298.8	309.9	1466	44.6	66	0	No Failure	
9785	M24644	M	298.7	309.8	1435	48.8	71	0	No Failure	
9786	H39199	H	298.7	309.7	1697	29.8	74	0	No Failure	
9787	M24646	M	298.7	309.6	1738	27.3	79	0	No Failure	
9788	H39201	H	298.6	309.5	1420	50.4	82	0	No Failure	
9789	M24648	M	298.5	309.5	1535	39.8	87	0	No Failure	
9790	L56969	L	298.6	309.6	1715	28.4	90	0	No Failure	
9791	L56970	L	298.6	309.5	1483	43.2	92	0	No Failure	
9792	M24651	M	298.5	309.4	1521	37.5	94	0	No Failure	
9793	H39206	H	298.5	309.4	1573	36	97	0	No Failure	
9794	H39207	H	298.5	309.4	1414	46.7	102	0	No Failure	
9795	L56974	L	298.5	309.3	1590	33.9	107	0	No Failure	
9796	L56975	L	298.5	309.3	1623	33.1	109	0	No Failure	
9797	H39210	H	298.4	309.3	1694	30.9	111	0	No Failure	
9798	M24657	M	298.4	309.2	1597	33.5	116	0	No Failure	
9799	L56978	L	298.5	309.3	1471	44.7	119	0	No Failure	
9800	M24659	M	298.5	309.3	1551	34.7	121	0	No Failure	
9801	H39214	H	298.5	309.3	1421	50.3	124	0	No Failure	
9802	M24661	M	298.4	309.3	1496	45.6	129	0	No Failure	
9803	H39216	H	298.4	309.3	1984	19.2	132	0	No Failure	

9804	L56983	L	298.4	309.2	1692	29.8	137	0	No Failure	
9805	L56984	L	298.4	309.1	1467	42.5	139	0	No Failure	
9806	L56985	L	298.4	309.2	1651	28.5	141	0	No Failure	
9807	L56986	L	298.3	309.1	1417	60.5	143	0	No Failure	
9808	L56987	L	298.2	309	1413	55	145	0	No Failure	
9809	M24668	M	298.2	309	1441	44.2	147	0	No Failure	
9810	M24669	M	298.2	309	1353	50.3	150	0	No Failure	
9811	L56990	L	298.1	309	1502	40.9	153	0	No Failure	
9812	L56991	L	298.2	309	1610	31.7	155	0	No Failure	
9813	M24672	M	298.2	309.1	1411	45.8	157	0	No Failure	
9814	L56993	L	298.3	309.1	1387	52.3	160	0	No Failure	
9815	H39228	H	298.3	309.1	1430	40.9	162	0	No Failure	
9816	M24675	M	298.4	309.1	1576	38.8	167	0	No Failure	
9817	M24676	M	298.5	309.2	1721	29.4	170	0	No Failure	
9818	M24677	M	298.5	309.3	1465	42.4	173	0	No Failure	
9819	M24678	M	298.6	309.4	1407	45.1	176	0	No Failure	
9820	M24679	M	298.6	309.4	1464	36.9	179	0	No Failure	
9821	M24680	M	298.6	309.5	1568	36.7	182	0	No Failure	
9822	L57001	L	298.6	309.4	1667	35.6	185	0	No Failure	
9823	L57002	L	298.5	309.4	1360	60.9	187	1	Overstrain Failure	
9824	M24683	M	298.5	309.3	1488	43.7	189	0	No Failure	
9825	L57004	L	298.4	309.3	1504	39.3	192	0	No Failure	
9826	L57005	L	298.4	309.2	1610	32.4	194	0	No Failure	
9827	L57006	L	298.4	309.2	1345	52.7	196	0	No Failure	
9828	M24687	M	298.3	309.3	1376	57	198	0	No Failure	
9829	L57008	L	298.4	309.4	1385	50	201	0	No Failure	
9830	M24689	M	298.4	309.4	1429	41.8	203	0	No Failure	
9831	L57010	L	298.3	309.3	1337	56.1	206	1	Overstrain Failure	
9832	L57011	L	298.4	309.3	1542	35.4	208	0	No Failure	
9833	L57012	L	298.4	309.2	2118	17.7	210	0	No Failure	
9834	L57013	L	298.3	309.1	1386	45.3	212	0	No Failure	
9835	M24694	M	298.3	309.1	1632	32.7	0	0	No Failure	
9836	L57015	L	298.4	309.3	1545	36.9	3	0	No Failure	
9837	M24696	M	298.4	309.3	1390	53.6	5	0	No Failure	
9838	M24697	M	298.4	309.3	1355	50.6	8	0	No Failure	
9839	L57018	L	298.4	309.2	1425	45.5	11	0	No Failure	
9840	M24699	M	298.4	309.2	1491	51.2	13	0	No Failure	
9841	H39254	H	298.3	309.2	1486	42.4	16	0	No Failure	

9842	M24701	M	298.3	309.2	1359	51.4	21	0	No Failure	
9843	L57022	L	298.4	309.3	1395	47.6	24	0	No Failure	
9844	L57023	L	298.3	309.2	1383	52.1	26	0	No Failure	
9845	H39258	H	298.3	309.1	1484	37	28	0	No Failure	
9846	L57025	L	298.3	309.1	1421	47.4	33	0	No Failure	
9847	L57026	L	298.3	309	1339	58.8	35	0	No Failure	
9848	L57027	L	298.4	309.1	1362	46.1	37	0	No Failure	
9849	H39262	H	298.5	309.2	1568	40.6	39	0	No Failure	
9850	L57029	L	298.6	309.4	2312	15.5	44	0	No Failure	
9851	M24710	M	298.5	309.3	1498	34.6	46	0	No Failure	
9852	M24711	M	298.5	309.3	1761	27.2	49	0	No Failure	
9853	L57032	L	298.6	309.4	1316	51.4	52	0	No Failure	
9854	L57033	L	298.6	309.4	1525	37.8	54	0	No Failure	
9855	H39268	H	298.6	309.4	1362	45.3	56	0	No Failure	
9856	L57035	L	298.7	309.6	1516	38.5	61	0	No Failure	
9857	L57036	L	298.6	309.5	1450	44.2	63	0	No Failure	
9858	M24717	M	298.6	309.5	1366	55	65	0	No Failure	
9859	L57038	L	298.5	309.5	1547	33.1	68	0	No Failure	
9860	M24719	M	298.6	309.5	1580	33.9	70	0	No Failure	
9861	H39274	H	298.7	309.6	1755	26.9	73	0	No Failure	
9862	M24721	M	298.7	309.6	1800	24.8	78	0	No Failure	
9863	M24722	M	298.8	309.7	1439	45.8	81	0	No Failure	
9864	L57043	L	298.9	309.8	1411	56.3	84	0	No Failure	
9865	M24724	M	298.9	309.9	1645	31.4	86	0	No Failure	
9866	M24725	M	298.9	309.8	2450	13.9	89	0	No Failure	
9867	L57046	L	299	309.9	1630	34	92	0	No Failure	
9868	L57047	L	299	309.9	1411	44.7	94	0	No Failure	
9869	L57048	L	298.9	309.9	1526	35.4	96	0	No Failure	
9870	L57049	L	298.9	309.9	1590	31.3	98	0	No Failure	
9871	H39284	H	299	309.9	1884	25.6	100	0	No Failure	
9872	M24731	M	298.9	309.8	1947	21.7	105	0	No Failure	
9873	L57052	L	298.9	309.9	1373	52.1	108	0	No Failure	
9874	L57053	L	298.9	309.8	1616	36.5	110	0	No Failure	
9875	M24734	M	298.9	309.9	1449	44.1	112	0	No Failure	
9876	M24735	M	298.9	309.8	1363	50.6	115	0	No Failure	
9877	H39290	H	298.8	309.7	1461	55.1	118	0	No Failure	
9878	L57057	L	298.8	309.7	1374	58.6	123	0	No Failure	
9879	L57058	L	298.7	309.7	1293	59.1	125	0	No Failure	

9880	M24739	M	298.8	309.8	1490	38.6	127	0	No Failure	
9881	L57060	L	298.8	309.8	1753	27.5	130	0	No Failure	
9882	L57061	L	298.8	309.8	1493	38.5	132	0	No Failure	
9883	L57062	L	298.8	309.8	1895	22	134	0	No Failure	
9884	H39297	H	298.7	309.6	1654	34.3	136	0	No Failure	
9885	L57064	L	298.7	309.5	1673	30.8	141	0	No Failure	
9886	L57065	L	298.8	309.6	1613	27.7	143	0	No Failure	
9887	L57066	L	298.8	309.6	1903	22.3	145	0	No Failure	
9888	L57067	L	298.8	309.5	1368	44.7	147	0	No Failure	
9889	M24748	M	298.8	309.6	1575	34.4	149	0	No Failure	
9890	H39303	H	298.8	309.6	1516	40.2	152	0	No Failure	
9891	L57070	L	298.8	309.5	1645	32.8	157	0	No Failure	
9892	L57071	L	298.8	309.5	1374	48.1	159	0	No Failure	
9893	H39306	H	298.9	309.7	1407	48.6	161	0	No Failure	
9894	M24753	M	298.9	309.6	1284	55.3	166	0	No Failure	
9895	L57074	L	298.9	309.5	1645	31.1	169	0	No Failure	
9896	L57075	L	298.8	309.4	1387	54.1	171	0	No Failure	
9897	M24756	M	298.8	309.3	1618	35.1	173	0	No Failure	
9898	L57077	L	298.8	309.3	1357	47.1	176	0	No Failure	
9899	L57078	L	298.7	309.2	1396	44.8	178	0	No Failure	
9900	L57079	L	298.7	309.2	1586	31.4	180	0	No Failure	
9901	H39314	H	298.7	309.2	1449	42.3	182	0	No Failure	
9902	M24761	M	298.7	309.2	1423	48.9	187	0	No Failure	
9903	H39316	H	298.7	309.3	1402	45.3	190	0	No Failure	
9904	M24763	M	298.7	309.2	1437	45.7	195	0	No Failure	
9905	L57084	L	298.6	309.1	1537	35.7	198	0	No Failure	
9906	M24765	M	298.7	309.1	1423	49.5	200	0	No Failure	
9907	M24766	M	298.6	309.1	1587	37.3	203	0	No Failure	
9908	M24767	M	298.6	309.1	1487	43.2	206	0	No Failure	
9909	L57088	L	298.6	309	1456	47.7	0	0	No Failure	
9910	L57089	L	298.7	309.1	1607	32.7	2	0	No Failure	
9911	L57090	L	298.6	309	1469	46	4	0	No Failure	
9912	M24771	M	298.6	309	1481	40.8	6	0	No Failure	
9913	L57092	L	298.6	308.9	1327	58.8	9	0	No Failure	
9914	L57093	L	298.5	308.8	1589	30.6	11	0	No Failure	
9915	L57094	L	298.5	308.8	1670	29.6	13	0	No Failure	
9916	M24775	M	298.5	308.7	1662	28.3	15	0	No Failure	
9917	M24776	M	298.5	308.8	1553	34.9	18	0	No Failure	

9918	M24777	M	298.5	308.8	1557	36	21	0	No Failure	
9919	L57098	L	298.4	308.8	1352	56.7	24	0	No Failure	
9920	L57099	L	298.5	308.8	1305	58.7	26	0	No Failure	
9921	H39334	H	298.5	308.7	1450	43.9	28	0	No Failure	
9922	M24781	M	298.5	308.7	1347	48.5	33	0	No Failure	
9923	H39336	H	298.6	308.8	1566	39.1	36	0	No Failure	
9924	M24783	M	298.5	308.7	1615	33.3	41	0	No Failure	
9925	M24784	M	298.5	308.6	1384	54.4	44	0	No Failure	
9926	M24785	M	298.5	308.7	1367	47.3	47	0	No Failure	
9927	M24786	M	298.5	308.6	1897	20.2	50	0	No Failure	
9928	L57107	L	298.5	308.6	1522	36.9	53	0	No Failure	
9929	M24788	M	298.4	308.5	1576	27.4	55	0	No Failure	
9930	H39343	H	298.4	308.4	1479	39.2	58	0	No Failure	
9931	L57110	L	298.3	308.3	1452	45.5	63	0	No Failure	
9932	L57111	L	298.3	308.3	1432	46.9	65	0	No Failure	
9933	L57112	L	298.3	308.2	1663	28.4	67	0	No Failure	
9934	L57113	L	298.3	308.3	1597	32.4	69	0	No Failure	
9935	L57114	L	298.3	308.2	1472	44.3	71	0	No Failure	
9936	L57115	L	298.4	308.3	1452	48.5	73	0	No Failure	
9937	H39350	H	298.3	308.2	1534	33.2	75	0	No Failure	
9938	L57117	L	298.3	308.1	1505	46.1	80	0	No Failure	
9939	L57118	L	298.3	308.1	1528	33.9	82	0	No Failure	
9940	H39353	H	298.3	308.1	2636	12.8	84	0	No Failure	
9941	M24800	M	298.3	308.1	1722	28.6	89	0	No Failure	
9942	L57121	L	298.4	308.1	1395	44	92	0	No Failure	
9943	L57122	L	298.4	308.1	1375	50.8	94	0	No Failure	
9944	M24803	M	298.3	308	1766	26	96	0	No Failure	
9945	L57124	L	298.3	307.9	1399	47.8	99	0	No Failure	
9946	L57125	L	298.3	308	1578	37.8	101	0	No Failure	
9947	L57126	L	298.3	307.9	1502	42	103	0	No Failure	
9948	M24807	M	298.2	307.9	1529	36.6	105	0	No Failure	
9949	L57128	L	298.2	307.8	1804	25.1	108	0	No Failure	
9950	M24809	M	298.2	307.8	1411	53.4	110	0	No Failure	
9951	L57130	L	298.1	307.8	1413	54.1	113	0	No Failure	
9952	L57131	L	298.2	307.8	1355	59.4	115	0	No Failure	
9953	L57132	L	298.2	307.8	1429	46.9	117	0	No Failure	
9954	L57133	L	298.1	307.8	1565	35.3	119	0	No Failure	
9955	M24814	M	298.1	307.9	1446	42.8	121	0	No Failure	

9956	M24815	M	298.2	307.9	1462	38.8	124	0	No Failure	
9957	M24816	M	298.2	307.8	1578	34.5	127	0	No Failure	
9958	L57137	L	298.1	307.8	1606	33	130	0	No Failure	
9959	M24818	M	298.1	307.8	1525	35.9	132	0	No Failure	
9960	L57139	L	298.1	307.8	1379	49.1	135	0	No Failure	
9961	L57140	L	298.2	307.8	1575	35	137	0	No Failure	
9962	L57141	L	298.2	307.9	1399	54.9	139	0	No Failure	
9963	L57142	L	298.2	307.9	1429	49.4	141	0	No Failure	
9964	L57143	L	298.3	307.9	1435	39.9	143	0	No Failure	
9965	L57144	L	298.3	307.9	1766	26.5	145	0	No Failure	
9966	L57145	L	298.3	307.9	1703	28.9	147	0	No Failure	
9967	L57146	L	298.3	307.9	1507	41.2	149	0	No Failure	
9968	M24827	M	298.3	307.9	1609	32.4	151	0	No Failure	
9969	L57148	L	298.4	308	1605	32.4	154	0	No Failure	
9970	L57149	L	298.4	308.1	1491	50	156	0	No Failure	
9971	H39384	H	298.4	308.1	1891	24.7	158	0	No Failure	
9972	H39385	H	298.5	308.2	1563	44.6	163	0	No Failure	
9973	L57152	L	298.6	308.2	1390	51.4	168	0	No Failure	
9974	L57153	L	298.5	308.2	1444	40.5	170	0	No Failure	
9975	L57154	L	298.6	308.2	1361	68.2	172	1	Power Failure	
9976	M24835	M	298.6	308.3	1589	34.1	174	0	No Failure	
9977	L57156	L	298.6	308.2	1705	26.3	177	0	No Failure	
9978	L57157	L	298.6	308.3	1422	40.4	179	0	No Failure	
9979	H39392	H	298.6	308.3	1377	52.1	181	0	No Failure	
9980	L57159	L	298.5	308.3	1334	49.8	186	0	No Failure	
9981	L57160	L	298.6	308.4	1559	36.6	188	0	No Failure	
9982	L57161	L	298.7	308.5	1353	47	190	0	No Failure	
9983	M24842	M	298.7	308.4	1507	45.7	192	0	No Failure	
9984	L57163	L	298.7	308.4	1694	28.7	195	0	No Failure	
9985	H39398	H	298.7	308.4	1432	42.8	197	0	No Failure	
9986	H39399	H	298.7	308.5	1572	35.6	202	0	No Failure	
9987	M24846	M	298.8	308.6	1507	42.3	207	0	No Failure	
9988	M24847	M	298.8	308.6	1500	37.1	210	0	No Failure	
9989	L57168	L	298.9	308.6	1771	24.1	213	0	No Failure	
9990	M24849	M	298.8	308.5	1577	33.2	0	0	No Failure	
9991	L57170	L	298.8	308.5	1527	36.2	3	0	No Failure	
9992	M24851	M	298.9	308.4	1827	26.1	5	0	No Failure	
9993	L57172	L	298.8	308.4	1484	39.2	8	0	No Failure	

9994	L57173	L	298.8	308.4	1401	47.3	10	0	No Failure	
9995	L57174	L	298.8	308.3	1634	27.9	12	0	No Failure	
9996	M24855	M	298.8	308.4	1604	29.5	14	0	No Failure	
9997	H39410	H	298.9	308.4	1632	31.8	17	0	No Failure	
9998	M24857	M	299	308.6	1645	33.4	22	0	No Failure	
9999	H39412	H	299	308.7	1408	48.5	25	0	No Failure	
10000	M24859	M	299	308.7	1500	40.2	30	0	No Failure	