

1. Info

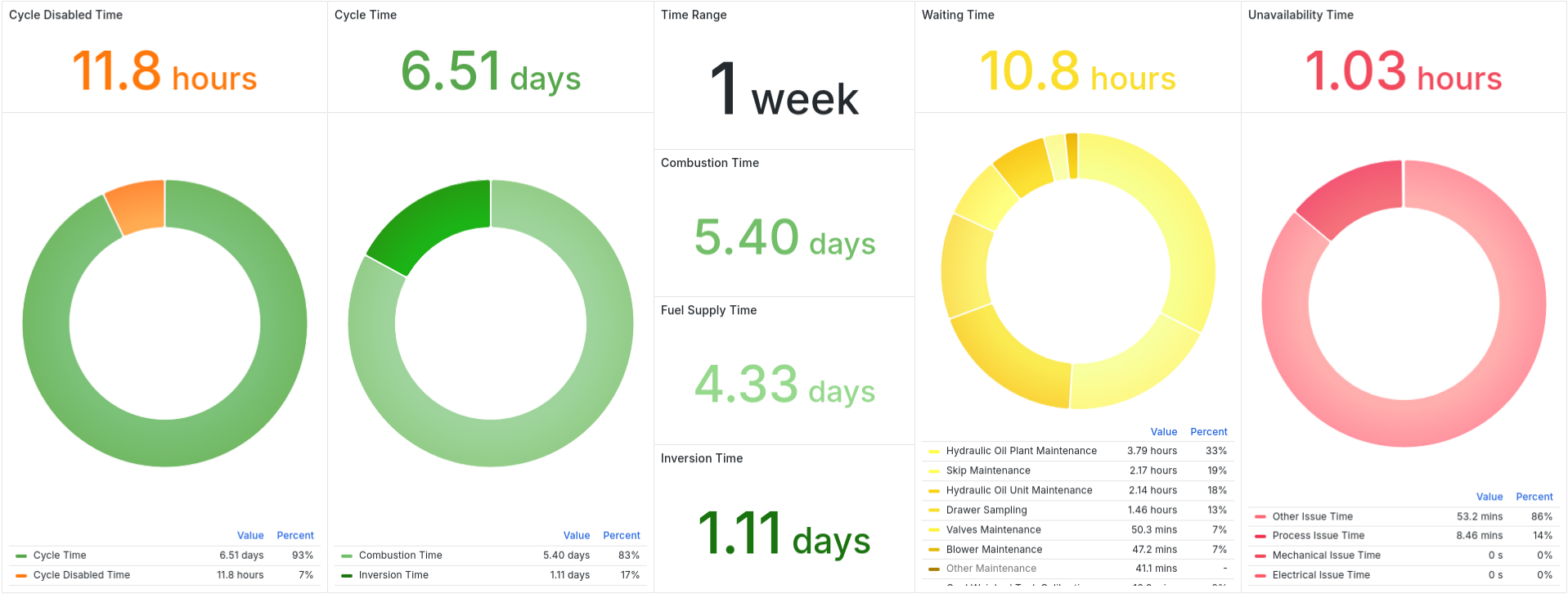
GRUPPO SET

GRUPPO SET

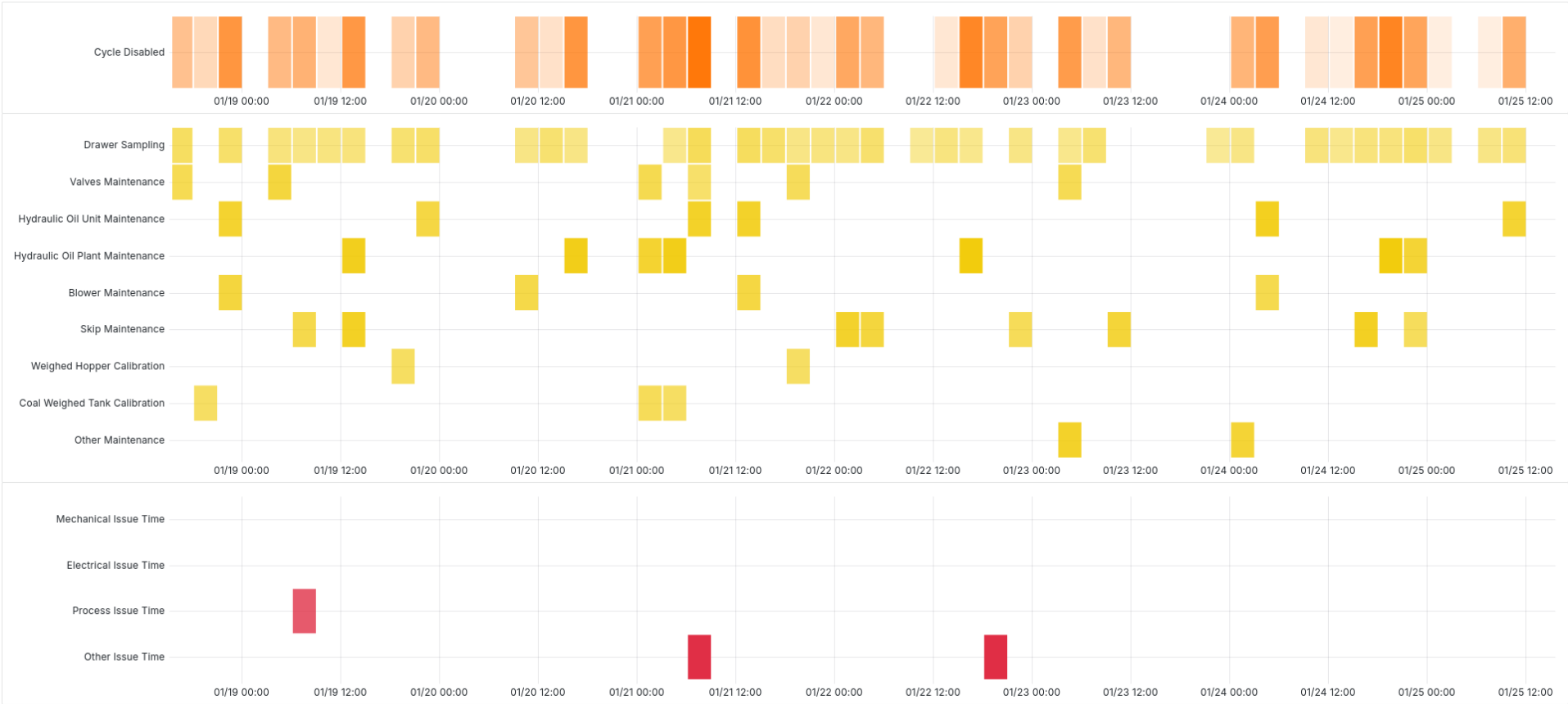
GRUPPO SET

Endpoint Address		Machine Name	From		Total Cycles	First ID
127.0.0.1			2025-01-18 15:31:56		625	9757
Endpoint ID	Endpoint Protocol	Flex Reversy 1	To			Last ID
18	S7		2025-01-25 15:32:01		10381	

2. Times



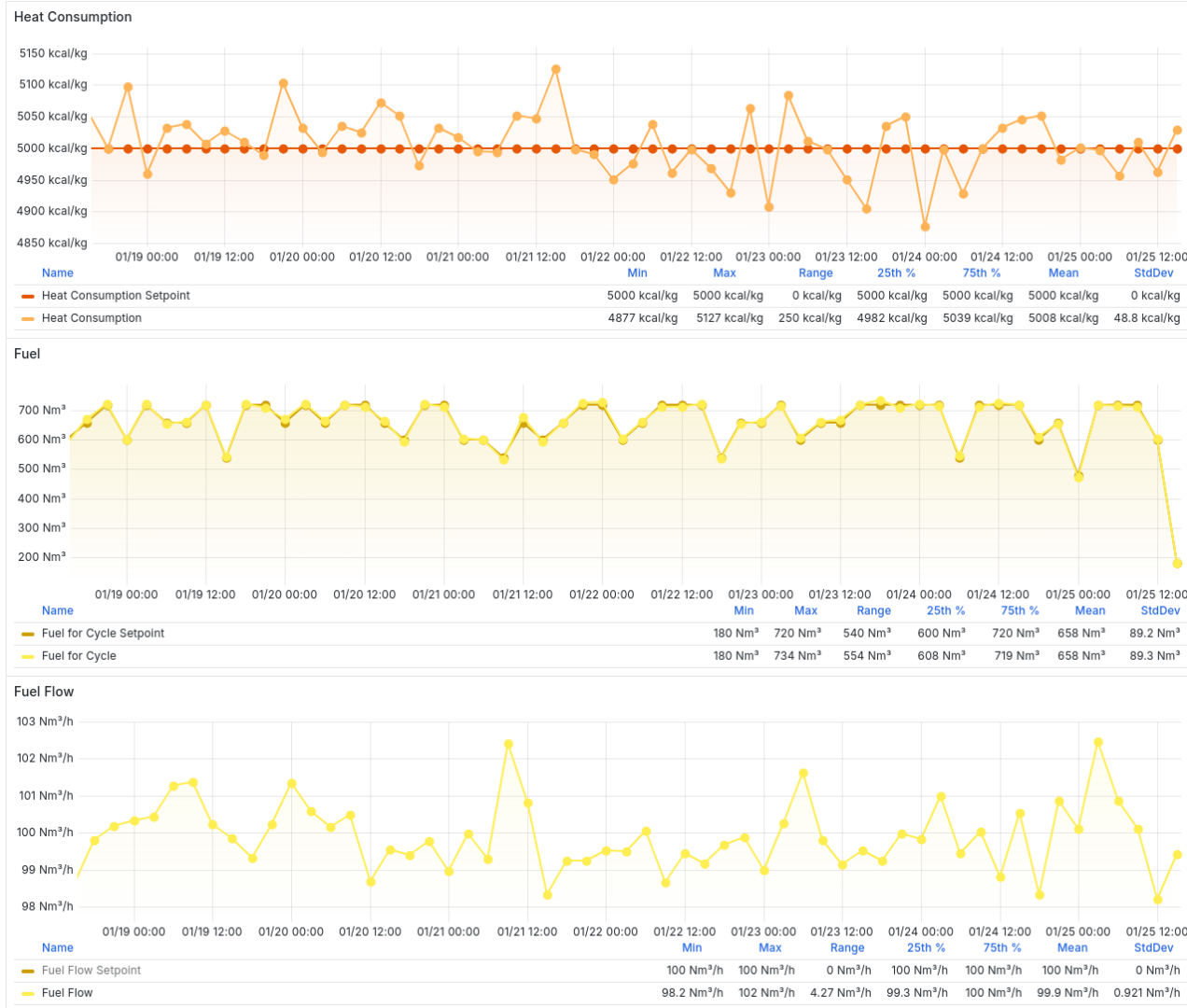
3. Times Heatmap



4. Production



5. Fuel



Mean - Heat Consumption

5008 kcal/kg ↑ 0.102%

Boundary Cycles - Heat Consumption

Type	Date	Time	Cycle	Value
Min	2025-01-20	11:31:18	9923	4500 kcal/kg
Max	2025-01-23	05:22:20	10164	5489 kcal/kg

Total - Fuel

37531 Nm³ ↑ 1.77%

Boundary Cycles - Fuel

Type	Date	Time	Cycle	Value
Min	2025-01-18	17:11:57	9763	54.8 Nm³
Max	2025-01-19	12:49:12	9837	65.6 Nm³

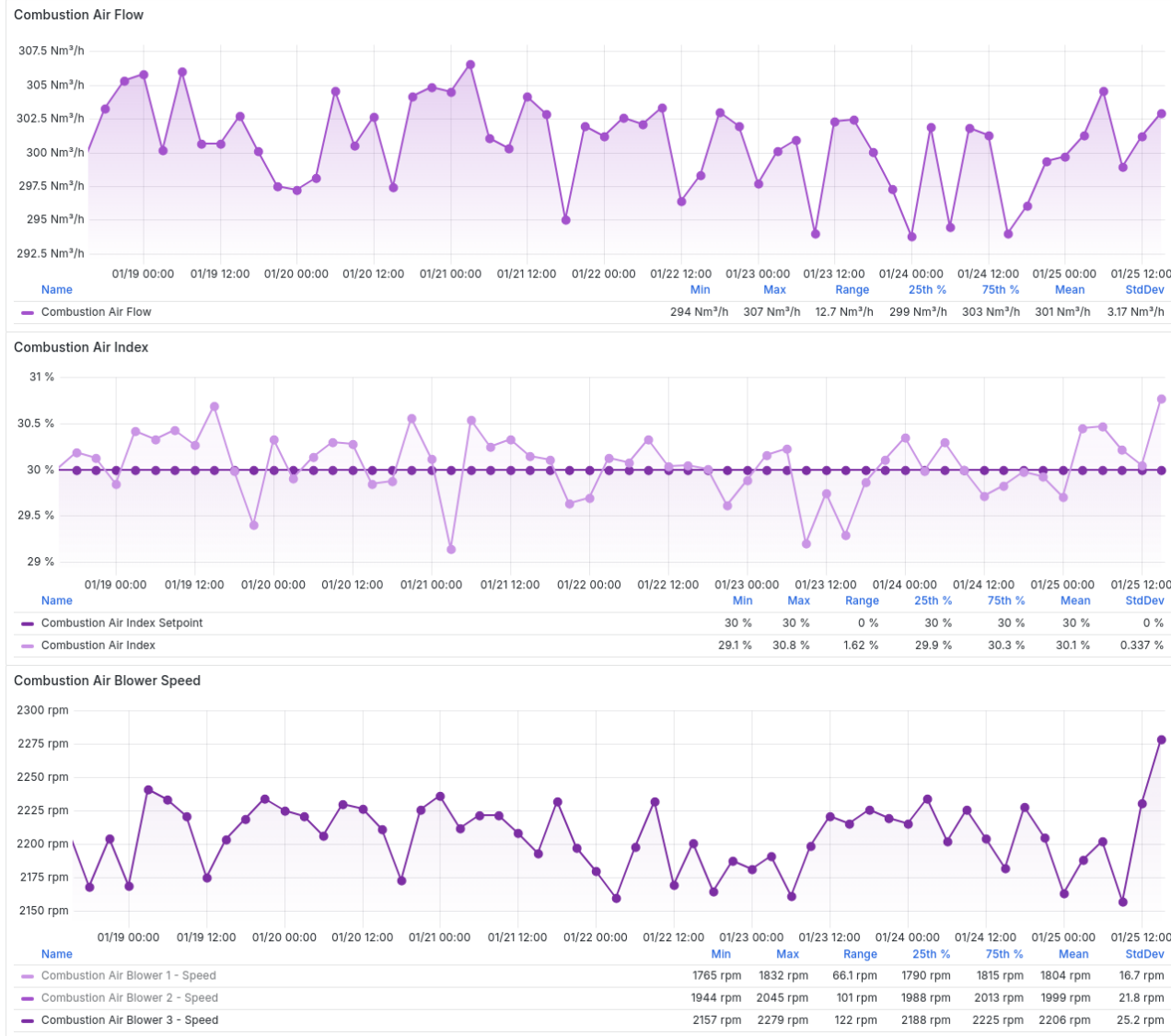
Mean - Fuel Flow

99.9 Nm³/h ↓ -0.0711%

Boundary Cycles - Fuel Flow

Type	Date	Time	Cycle	Value
Min	2025-01-24	21:08:33	10314	90 Nm³/h
Max	2025-01-25	06:23:56	10346	110 Nm³/h

6. Combustion Air



Mean - Combustion Air Flow				
301 Nm³/h ↑ 0.141%				
Boundary Cycles - Fuel Flow				
Type	Date	Time	Cycle	Value
Min	2025-01-23	22:59:45	10231	270 Nm³/h
Max	2025-01-25	11:39:39	10367	330 Nm³/h

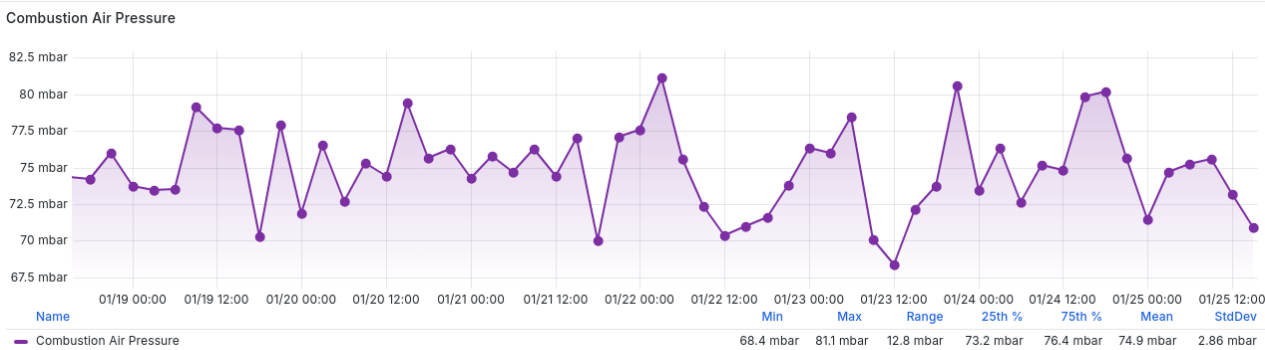
Mean - Combustion Air Index				
30.0 % ↓ -0.118%				
Boundary Cycles - Combustion Air Index				
Type	Date	Time	Cycle	Value
Min	2025-01-22	01:52:26	10062	271 %
Max	2025-01-21	08:00:58	9997	32.8 %

Boundary Cycles - Combustion Air Blower Speed				
Type	Date	Time	Cycle	Value
Blower 1 - Min	2025-01-19	12:04:04	9834	1620 rpm
Blower 1 - Max	2025-01-21	11:57:16	10010	1973 rpm
Blower 2 - Min	2025-01-23	10:11:58	10181	1811 rpm
Blower 2 - Max	2025-01-22	07:51:08	10083	2200 rpm
Blower 3 - Min	2025-01-19	14:23:12	9843	1998 rpm
Blower 3 - Max	2025-01-25	13:46:04	10374	2420 rpm

Flex Reversy 2

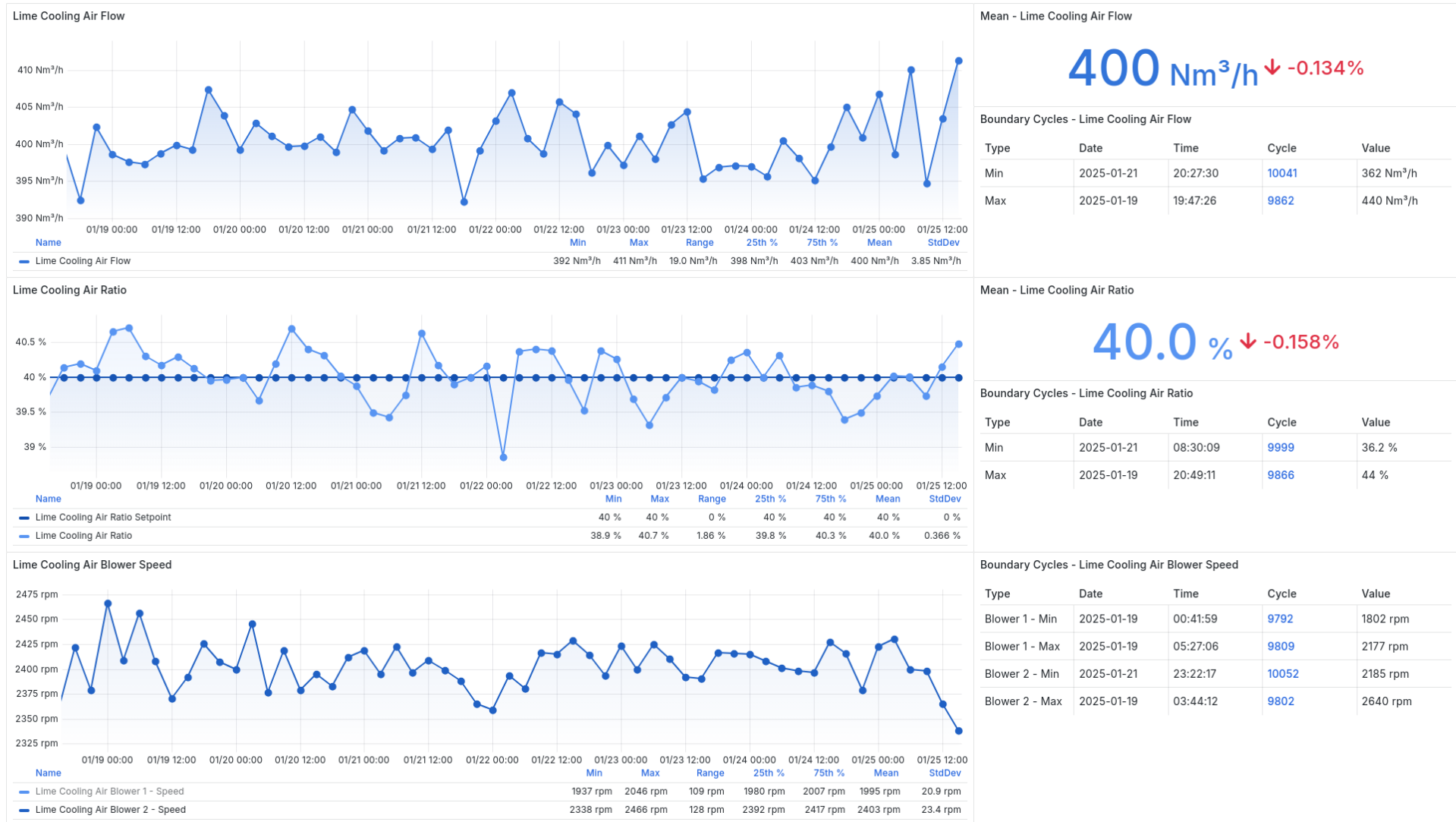
Overview

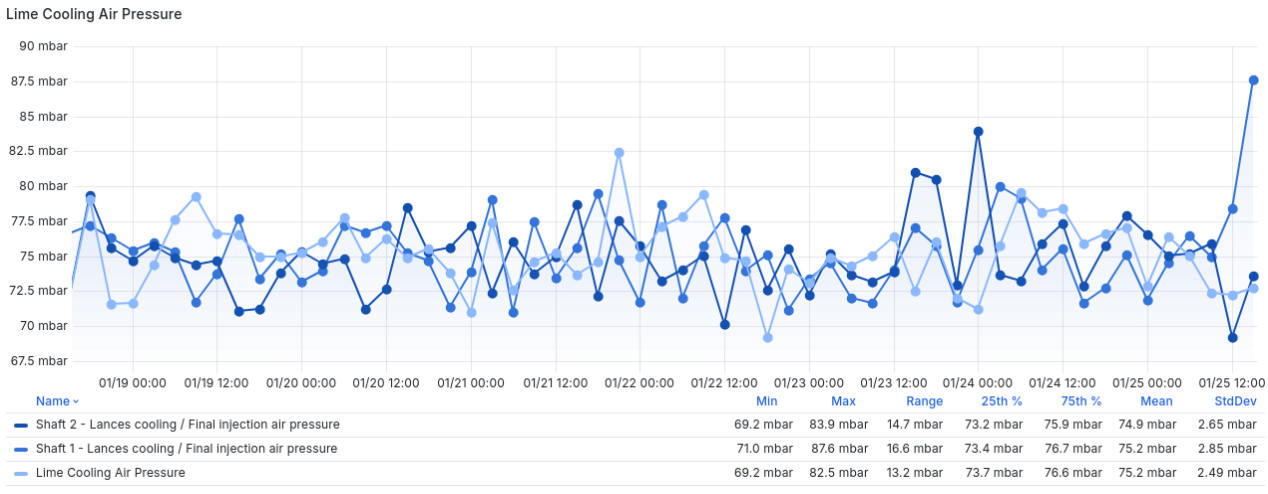
From Date: 2025-01-17 19:01:28
To Date: 2025-01-24 19:01:28



Mean - Combustion Air Pressure				
74.9 mbar↓ -0.324%				
Boundary Cycles - Combustion Air Pressure				
Type	Date	Time	Cycle	Value
Min	2025-01-19	20:18:18	9864	52.6 mbar
Max	2025-01-21	07:45:58	9996	100 mbar

7. Cool Air





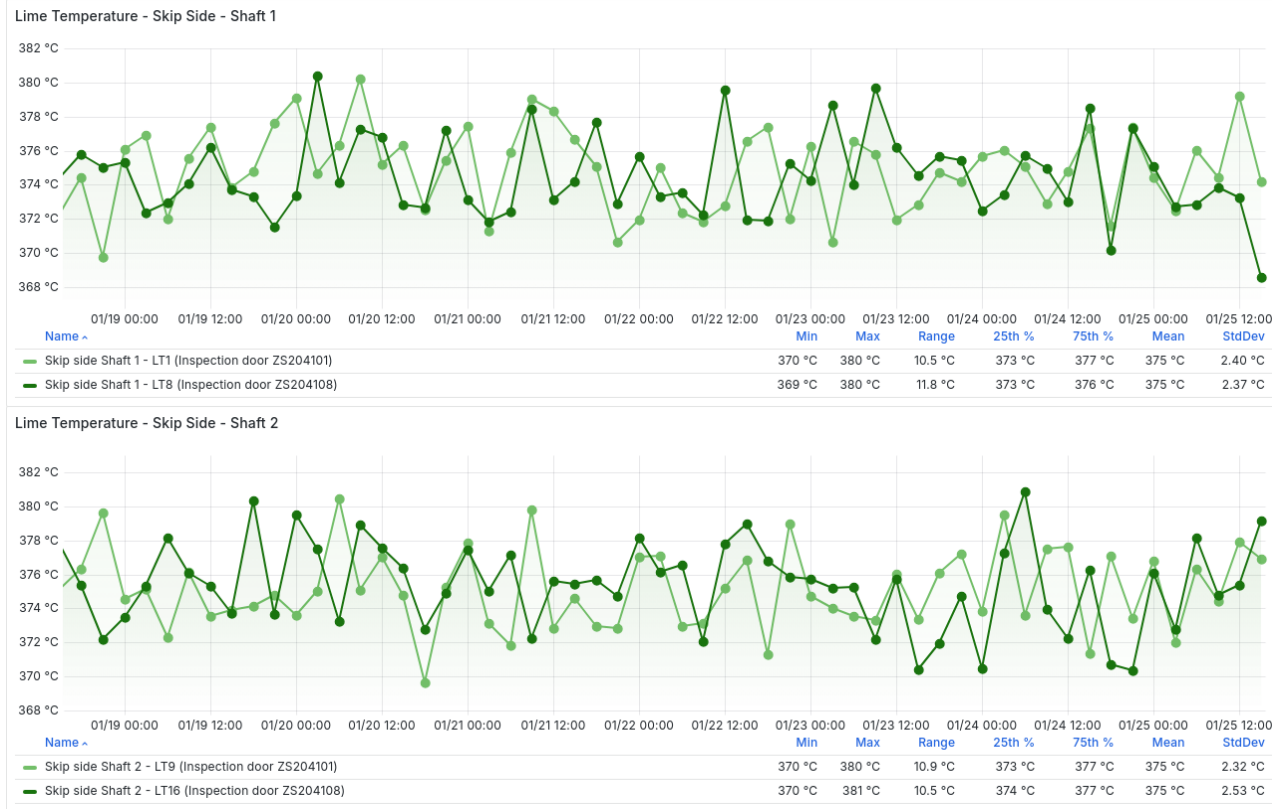
Mean - Lime Cooling Air Pressure

75.3 mbar ↑ 1.04%

Boundary Cycles - Lime Cooling Air Pressure

Type	Date	Time	Cycle	Value
Global - Min	2025-01-18	17:28:21	9764	50 mbar
Global - Max	2025-01-20	14:43:47	9935	98.9 mbar
Shaft 1 - Min	2025-01-24	11:48:32	10279	50 mbar
Shaft 1 - Max	2025-01-21	17:38:30	10030	95.8 mbar
Shaft 2 - Min	2025-01-18	16:41:40	9761	50.3 mbar
Shaft 2 - Max	2025-01-24	01:45:39	10242	99.5 mbar

8. Temperatures



Skip Side Shaft 1 - LT1

375 °C

Skip Side Shaft 1 - LT8

375 °C

Boundary Cycles - Lime Temperature - Skip Side Shaft 1

Type	Date	Time	Cycle	Value
LT1 - Min	2025-01-25	05:22:49	10342	351 °C
LT1 - Max	2025-01-23	02:07:18	10151	396 °C
LT8 - Min	2025-01-21	13:29:09	10016	150 °C
LT8 - Max	2025-01-22	19:38:14	10130	250 °C

Skip Side Shaft 2 - LT9

375 °C

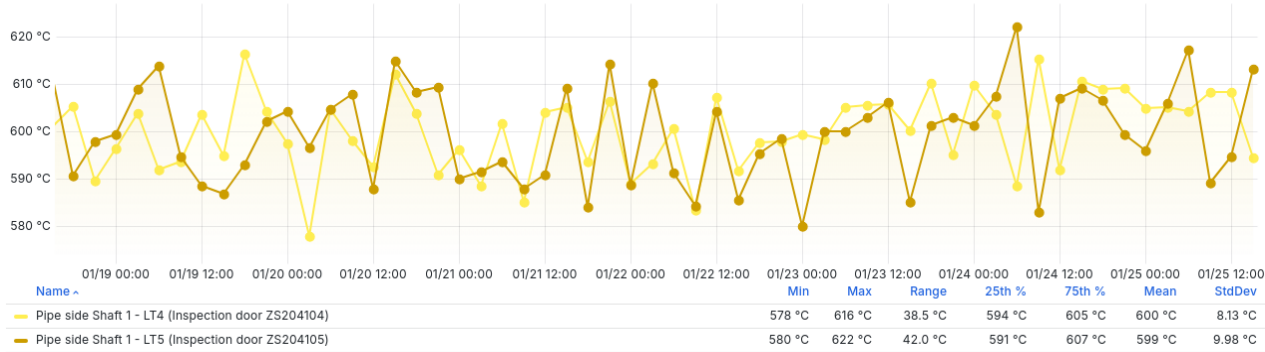
Skip Side Shaft 2 - LT16

375 °C

Boundary Cycles - Lime Temperature - Skip Side Shaft 2

Type	Date	Time	Cycle	Value
LT9 - Min	2025-01-23	08:02:59	10173	350 °C
LT9 - Max	2025-01-18	20:31:17	9776	400 °C
LT16 - Min	2025-01-24	18:54:26	10307	350 °C
LT16 - Max	2025-01-20	10:32:31	9919	400 °C

Lime Temperature - Pipe Side - Shaft 1



Pipe Side Shaft 1 - LT4

600 °C

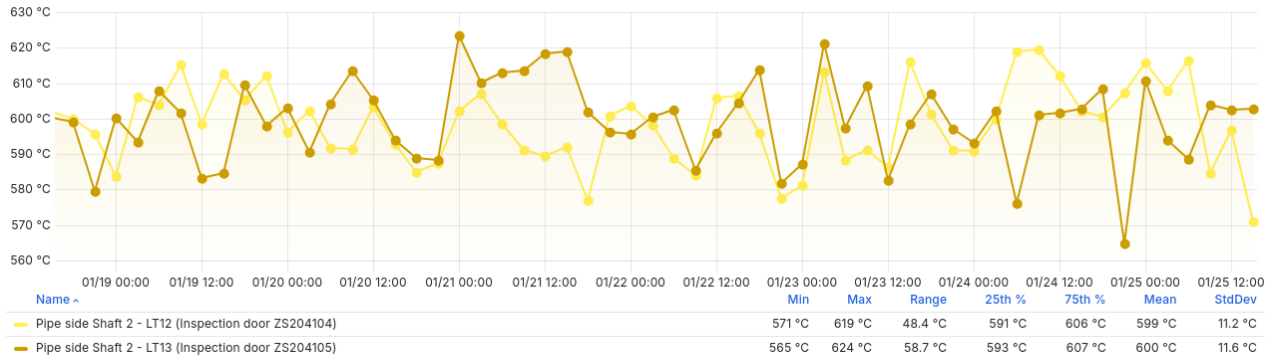
Pipe Side Shaft 1 - LT5

599 °C

Boundary Cycles - Lime Temperature - Pipe Side Shaft 1

Type	Date	Time	Cycle	Value
LT9 - Min	2025-01-23	08:02:59	10173	350 °C
LT9 - Max	2025-01-18	20:31:17	9776	400 °C
LT16 - Min	2025-01-24	18:54:26	10307	350 °C
LT16 - Max	2025-01-20	10:32:31	9919	400 °C

Lime Temperature - Pipe Side - Shaft 2



Pipe Side Shaft 2 - LT12

599 °C

Pipe Side Shaft 2 - LT13

599 °C

Boundary Cycles - Lime Temperature - Pipe Side Shaft 2

Type	Date	Time	Cycle	Value
LT9 - Min	2025-01-23	08:02:59	10173	350 °C
LT9 - Max	2025-01-18	20:31:17	9776	400 °C
LT16 - Min	2025-01-24	18:54:26	10307	350 °C
LT16 - Max	2025-01-20	10:32:31	9919	400 °C

Flex Reversy 2

Overview

From Date: 2025-01-17 19:01:28
To Date: 2025-01-24 19:01:28

9. Table

created_at	endpoint	cy	s	tcy	tco	ti	tstop	tfs	lscypv	lscysp	lcy	np	hcpv	hcsp	fcypv	fcysp	ffpv	ffs
2025-01-25 15:29:11	18	10381	1	862	736	126	0	581	4199	4200	3315	332	4778	5000	59.0	60	101	101
2025-01-25 15:15:11	18	10380	2	839	772	67.0	0	582	4147	4200	3378	348	5002	5000	60.8	60	99.4	101
2025-01-25 15:00:12	18	10379	1	900	756	144	0	589	4331	4200	3124	300	5307	5000	60.5	60	97.5	101
2025-01-25 14:45:23	18	10378	2	889	786	104	0	616	4174	4200	3216	312	4863	5000	60.6	60	95.4	101
2025-01-25 14:29:45	18	10377	1	938	772	166	0	609	4193	4200	3463	319	5077	5000	57.8	60	99.2	101
2025-01-25 14:15:44	18	10376	2	841	780	60.9	0	589	4180	4200	3264	335	4986	5000	56.7	60	97.4	101
2025-01-25 14:00:39	18	10375	1	857	769	88.7	47.7	597	4251	4200	3397	324	5151	5000	62.3	60	100.0	101
2025-01-25 13:46:04	18	10374	2	875	745	130	0	617	4238	4200	3284	324	5013	5000	58.3	60	96.2	101
2025-01-25 13:30:21	18	10373	1	943	721	222	0	566	4333	4200	3612	331	4819	5000	64.9	60	94.9	101
2025-01-25 13:15:42	18	10372	2	879	735	144	0	616	4294	4200	3194	314	4821	5000	60.8	60	102	101
2025-01-25 12:59:46	18	10371	1	910	802	108	45.7	577	4225	4200	3314	300	4871	5000	60.5	60	95.0	101
2025-01-25 12:25:57	18	10370	2	899	750	149	1130	600	4177	4200	3365	143	5156	5000	60.0	60	104	101
2025-01-25 12:11:13	18	10369	1	883	757	126	0	618	4086	4200	3252	318	4876	5000	62.4	60	98.2	101
2025-01-25 11:56:10	18	10368	2	885	710	177	0	550	4115	4200	3236	312	5150	5000	59.2	60	100	101