

0	rev	RECIPROCATING COMPRESSOR DATA SHEET									
1		CUSTOMER:	ENI			LOCATION Italy					
2		SERVICE:	Makeup and Hysomerization								
3		MODEL:	2HE/1-1		Q.TY:	2	ITEM:	k-001			
4											
5		Gas Composition									
6											
7				Serv 1	Serv 2	Serv 3					
8		HYDROGEN - H2	2.016	99.90	99.07	0.00					
9		OXYGEN - O2	32	0.00	0.00	0.00					
10		NITROGEN - N2	28.016	0.02	0.02	0.00					
11		CARBON MONOXIDE - CO	28.01	0.00	0.00	0.00					
12		CARBON DIOXIDE - CO2	44.01	0.00	0.00	0.00					
13		WATER - H2O	18.016	0.00	0.00	0.00					
14		AMMONIA - NH3	17.032	0.00	0.00	0.00					
15		SULFUR DIOXIDE - SO2	64.06	0.00	0.00	0.00					
16		HYDROGEN SULFIDE - H2S	34.076	0.00	0.00	0.00					
17		AIR	28.966	0.00	0.00	0.00					
18		METHANE - CH4	16.042	0.08	0.14	0.00					
19		ACETYLENE - C2H2	26.036	0.00	0.00	0.00					
20		ETHYLENE - C2H4	28.054	0.00	0.00	0.00					
21		ETHANE - C2H6	30.068	0.00	0.08	0.00					
22		PROPYLENE - C3H6	42.078	0.00	0.00	0.00					
23		PROPANE - C3H8	44.094	0.00	0.21	0.00					
24		1-BUTENE - 1-C4H8	56.108	0.00	0.00	0.00					
25		ISOBUTYLENE - C4H8	56.104	0.00	0.00	0.00					
26		I-BUTANE - C4H10	58.12	0.00	0.22	0.00					
27		N-BUTANE - C4H10	58.12	0.00	0.13	0.00					
28		I-PENTANE - C5H12	72.146	0.00	0.07	0.00					
29		N-PENTANE - C5H12	72.146	0.00	0.05	0.00					
30		CYCLOPENTANE - C-C5H10	70.134	0.00	0.00	0.00					
31		NEOPENTANE - C5H12	72.146	0.00	0.00	0.00					
32		BENZENE - C6H6	78.108	0.00	0.00	0.00					
33		N-HEXANE - C6H14	86.172	0.00	0.04	0.00					
34		CYCLOHEXANE - C-C6H12	84.162	0.00	0.00	0.00					
35		N-HEPTANE - C7H16	100.198	0.00	0.00	0.00					
36		N-OCTANE - C8H18	114.232	0.00	0.00	0.00					
37		N-NONANE - C9H20	128.259	0.00	0.00	0.00					
38		N-DECANE - C10H22	142.286	0.00	0.00	0.00					
39		UNDECANE - C11H24	156.313	0.00	0.00	0.00					
40		DODECANE - C12H26	170.34	0.00	0.00	0.00					
41		TOTAL	100	99.998	0						
42		MW	2.032221	2.451749	0						
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