

| | | | | | | | | | | | |
|----|-----|-------------------------------------|---------------------------|----------------|----------|--------|-------|--|--|--|--|
| 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 | | | | | |
| 43 | | | | | | | | | | | |
| 44 | | | | | | | | | | | |
| 45 | | | | | | | | | | | |
| 46 | | | | | | | | | | | |
| 47 | | | | | | | | | | | |
| 48 | | | | | | | | | | | |
| 49 | | | | | | | | | | | |
| 50 | | | | | | | | | | | |
| 51 | | | | | | | | | | | |
| 52 | | | | | | | | | | | |
| 53 | | | | | | | | | | | |
| 54 | | | | | | | | | | | |
| 55 | | | | | | | | | | | |
| 56 | | | | | | | | | | | |
| 57 | | | | | | | | | | | |
| 58 | | | | | | | | | | | |
| 59 | | | | | | | | | | | |