



COMPRESSOR OIL

VDL 46

Product Description:

COMPRESSOR VDL 46 is a high performance ash less air compressor oil specially designed to meet the stringent requirements of major compressor manufacturers.

COMPRESSOR OIL VDL 46 is suited for reciprocating air-, rotary screw and vane compressors. Also used in circulating oil systems, plain and rolling element bearings, lightly loaded Gear sets, etc.

COMPRESSOR OIL VDL 46 is based on high quality mineral base oil in combination with an unique additive package to ensure the following properties:

- Excellent thermo- and oxidation stability.
- Improved equipment reliability, availability and efficiency.
- Low ash and carbon forming tendency ensures improved valve performance.
- Reduced potential for fires and explosions in the discharge systems.
- Exceptional wear and rust.
- Superior demulsibility reduces oil carryover and corrosion, maintains lubrication efficiency.
- Reduces sludge formation and improves life of coalesces.

COMPRESSOR OIL VDL 46 meets the following performance criteria:

DIN 51506 VBL/VCL/VDL ISO 6743 DAA/DAB/DAG/DAH DIN 51503-1 KAA/KE

| Property | Unit | Test Method | Typical Value |
|--------------------------|--------------------|-------------|---------------|
| ISO VG Class | | | 46 |
| Density @15°C | kg/m ³ | ASTM D4052 | 859 |
| Kin. Viscosity @40°C | mm ² /s | ASTM D7042 | 46.6 |
| Kin. Viscosity @100°C | mm ² /s | ASTM D7042 | 7.2 |
| Viscosity Index | | ASTM D2270 | 116 |
| Flash Point COC | °C | ASTM D92 | >201 |
| Pour Point | °C | ASTM D7346 | -33 |
| FZG A/8, 3/90°C | | DIN 51354-2 | 12 |
| Demulsibility @54°C, max | min | DIN 51999 | 30 |

Product Nr: 43810
Date Superseded: 18-6-2021

Date Issued: 30-9-2021
Revision nr: 04

