



Product Data Sheet

COMPRESSOR OIL VDL 46

Product Description:

COMPRESSOR POWER 46 is a high performance ashless 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 exceeds the following performance criteria:

DIN 51506 VBL/VCL/BDL

ISO 6743 DAA/DAB/DAG/DAH

Property	Unit	Test Method	Typical Value
ISO VG Class			46
Density @15°C	kg/m ³	ASTM D4052	879.2
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	46.6
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	6.7
Viscosity Index		ASTM D2270	99
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D97	-24
FZG A/8, 3/90°C		DIN 51354-2	12
Demulsibility @54°C, max	min	DIN 51999	30

Product Nr: 4381

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