



# 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** exceeds 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 <sup>3</sup>	ASTM D4052	862.7
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	45.6
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	6.9
Viscosity Index		ASTM D2270	108
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-30
FZG A/8, 3/90°C		DIN 51354-2	12
Demulsibility @54°C, max	min	DIN 51999	30

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