



COMPRESSOR OIL

VDL 100

Product Description:

COMPRESSOR OIL VDL 100 is a high performance ashless air compressor oil specially designed to meet the stringent requirements of major compressor manufacturers.

COMPRESSOR OIL VDL 100 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 100 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 protection.
- Superior demulsibility reduces oil carryover and corrosion, maintains lubrication efficiency.
- Reduces sludge formation and improves life of coalesces.

COMPRESSOR OIL VDL 100 exceeds the following performance criteria:

DIN 51506 VBL/VCL/VDL

DIN 51503-1 KAA/KE

ISO 6521 DAA/DAB/DAG/DAH



Property	Unit	Test Method	Typical Value
ISO VG Class			100
Density @15°C	kg/m ³	ASTM D4052	865.0
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	99.5
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	12.2
Viscosity Index		ASTM D2270	114
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: 43830

Date Superseded: 6-11-2024

Date Issued: 4-4-2025

Revision nr: 05