

Product Data Sheet

Tomoil™ Compressor Oil VDL 46

Compressor oil

Product description

Tomoil™ Compressor Oil VDL 46 represents an inventive lubricating solution with minimal friction, blending highly purified conventional base elements with innovative additive advancements. Its precise formulation aims to excel in providing remarkable lubrication for centrifugal, piston, rotary screw, and sliding vane compressors.

Application

- Reciprocating air compressor crankcases and cylinders
- Rotary screw compressors
- Rotary vane compressors
- Axial and centrifugal compressors
- Compressor systems with critical gears and bearings
- Compressors used in stationary and mobile applications

Features & Benefits

- Superior thermal and oxidation stability
- Excellent varnish and sludge control
- High load carrying capability
- Enhanced resistance to rusting and corrosion
- Outstanding anti-wear, demulsibility and anti-foam properties
- Exceptional water separability

Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	46
Density at 15°C	g/cm ³	ASTM D 4052	0.885
Kinematic Viscosity at 40°C	mm ² /s	ASTM D 445	46.00
Kinematic Viscosity at 100°C	mm ² /s	ASTM D 445	6.690
Viscosity Index	-	ASTM D 2270	96
Flash Point (COC)	°C	ASTM D 92	220
Pour Point	°C	ASTM D 7346	-24
Copper Strip Corrosion	-	ASTM D 130	1b

Typical property characteristics are based on current production. Whilst future production will conform to TomoilTM specifications, variations in these characteristics may occur.

Performance claims

- DIN 51506 VDL
- ISO 6743/3A (L-DAB, L-DAC, L-DAH, L-DAG)

Health, Safety & Environment

- **Health and Safety**

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: www.tomoil.de

- **Protect the Environment**

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Available pack sizes

- | | |
|-------------------------|--------------------------|
| • 20 L Canister plastic | • 200 L Drum sheet metal |
| • 30 L Canister plastic | • 1000 L Container |

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

Notes

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