

Product Data Sheet

Tomoil™ Compressor Oil 320

Compressor oil

Product description

Tomoil™ Compressor Oil 320 represents an innovative lubricating oil tailored to meet the stringent benchmarks established by major compressor manufacturers. Formulated with precision using carefully selected base oils and a well-matched additive blend, it delivers remarkable protection against corrosion, durability against aging, and a diminished inclination to generate carbon residues and deposits.

Application

- Reciprocating compressors transmitting air, inert (non-corrosive) and hydrocarbon gases
- Reciprocating compressors up to 160 °C compression discharge temperature
- Oil lubricated sliding and rolling bearings

Features & Benefits

- Remarkable anti-wear performance
- Better low-temperature fluidity
- Resistant to aging over time
- Decreased deposits in discharge lines
- Improved water-separating properties

Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	320
Density at 15°C	g/cm3	ASTM D 4052	0.897
Kinematic Viscosity at 40°C	mm2/s	ASTM D 445	320.0
Kinematic Viscosity at 100°C	mm2/s	ASTM D445	23.18
Viscosity Index	-	ASTM D 2270	90
Flash Point (COC)	°C	ASTM D 92	248
Pour Point	°C	ASTM D 7346	-12

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

Performance claims

- DIN 51506 VB and VC
- ISO 3448 VG 320
- ISO 6743/3A (L-DAA)

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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