

Product Data Sheet

TomoilTM Hydraulic Oil 46

Hydraulic oil

Product description

TomoilTM Hydraulic Oil 46 represents a superior mineral oil-based hydraulic fluid that incorporates carefully selected additives to boost aging stability and combat corrosion. Its remarkable anti-foaming properties offer protection against wear and rust, accompanied by outstanding filterability.

Application

- Low- and medium-duty hydraulic systems where antiwear performance is not required.
- Circulation systems.
- Low-duty equipment.

Features & Benefits

- Good thermal and oxidation stability
- Stable lubricating film between friction surfaces
- Extended oil change intervals and equipment lifetime
- Rapid air release, coupled with low foaming
- Effective corrosion protection

Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	46
Density at 15°C	g/cm ³	ASTM D4052	0.876
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	46
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	6.74
Viscosity Index	-	ASTM D2270	98
Flash Point (COC)	°C	ASTM D92	230
Pour Point	°C	ASTM D97	-24

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 51524-1 (HL)
- DIN 51517-2 (CL)
- ISO 11158 HL
- ISO-L-HL

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

- | | |
|------------------------|--------------------------|
| • 1 L Canister plastic | • 20 L Canister plastic |
| • 4 L Canister plastic | • 30 L Canister plastic |
| • 5 L Canister plastic | • 60 L Drum sheet metal |
| • 6 L Canister plastic | • 200 L Drum sheet metal |
| • 7 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

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by ALCO LLC for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our sales specialists if you require any further information.

