

Product Data Sheet

TomoilTM Hydraulic Oil Arctic 32 ULT

Hydraulic oil

Product description

TomoilTM Hydraulic Oil Arctic 32 ULT stands as an advanced hydraulic fluid designed for use in environments with severely low temperatures, like Arctic regions or exposed areas. Its exceptional performance remains consistent even amidst substantial temperature variations, rendering it ideal for both industrial and mobile hydraulic systems operating under demanding loads.

Application

- Mobile and industrial equipment operating at extremely low temperatures
- Hydraulic systems operating at high pressures and under heavy operating conditions
- Vehicles, agricultural, construction, and mining equipment operating in extremely cold environments
- Hydraulic servo equipment
- Circulation systems

Features & Benefits

- Exceptional anti-wear protection
- Outstanding oxidation and thermal stability
- Excellent water separability and hydrolytic stability
- Great foam and air release performance
- Improved rust and corrosion protection

Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	32
Density at 15°C	g/cm ³	ASTM D4052	0.831
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	32
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	9.44
Viscosity Index	-	ASTM D2270	300
Flash Point (COC)	°C	ASTM D92	150
Pour Point	°C	ASTM D97	-60

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 51524-3 (HVLP)
- ISO-L-HV

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

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