

Product Data Sheet

Tomoil™ TP-30

GOST oil

Product description

Tomoil™ TP-30 is a paraffinic mineral turbine oil enhanced with an advanced additive blend to improve antioxidation, corrosion prevention, and demulsification properties. Specifically optimized for lubricating and cooling vital components in diverse turbine types (steam, gas, hydro), and s turbo-compressor machines, it also exhibits outstanding performance as a hydraulic fluid for high-speed, heavily-loaded gear systems.

Application

Tomoil™ TP-30 is intended for lubricating and cooling bearings of such various turbo-units as steam and gas turbines, water turbines, turbo-compressor machines, ship steam turbine units and other analogous types of equipment. It can also be used as working liquids for turbo-units' regulating systems, circulating and hydraulic systems of diverse industrial mechanisms.

Features & Benefits

- Excellent oxidative stability
- Effective rust and corrosion protection
- Minimal cavitation
- Exceptional thermal stability
- Good demulsifying properties

Typical Properties

Property	Unit	Test method	Typical value
ISO viscosity grade	-	-	46
Density at 15°C	g/cm ³	GOST 3900	0.878
Kinematic Viscosity at 40°C	mm ² /s	GOST 33	46.00
Kinematic Viscosity at 100°C	mm ² /s	GOST 33	6.770
Viscosity Index	-	GOST 25371	99
Flash Point (COC)	°C	GOST 4333	226
Pour Point	°C	GOST 20287	-15

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

Performance claims

- ISO VG 46
- GOST 9972-74

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
- 30 L Canister plastic
- 200 L Drum sheet metal
- 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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