

Product Data Sheet

Tomoil™ MS-20

GOST oil

Product description

Tomoil™ MS-20 is a solvent-refined mineral oil, free from additives and crafted specifically for aviation needs. It serves various purposes in the aviation industry, including powering aircraft piston engines and gas turbine engines, as well as lubricating helicopter gear cases and MI helicopter rotor head feathering hinges.

Application

- Lubricating systems of aircraft turbo-prop engines
- Feathering hinges of helicopter rotor heads
- Engine compressors of gas compressor units
- Speed governors of diesel engines with self-contained oil systems and crankcases.

Features & Benefits

- Minimal deposits in engine components
- Reduced wear
- High oxidative and thermal stability
- Easier cold starting
- Excellent high-temperature performance

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm ³	GOST 3900	0.895
Kinematic Viscosity at 100°C	cst	GOST 33	22.00
Kinematic Viscosity at 40°C	cst	GOST 33	298.7
Viscosity Index	-	GOST 25371	90
Water content	%	GOST 2477	None
Flash Point (COC)	°C	GOST 4333	280
Pour Point	°C	GOST 20287	-21
Color (15:85)	-	GOST 20284	4.0

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

Performance claims

- GOST 21743-76

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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