

Product Data Sheet

Tomoil™ M-14D2

GOST oil

Product description

Tomoil™ M-14D2 represents a top-tier crankcase lubricant designed for medium-speed railway diesel engines and associated applications. Comprising meticulously selected mineral base oils and incorporating proven zinc-free, chlorine-free additive technology, it delivers robust corrosion protection, minimizes sludge production in locomotive engines, and plays a role in reducing overall maintenance costs.

Application

Tomoil™ M-14D2 is particularly well-suited for use in diesel locomotive engines, aligning with manufacturer recommendations for a lubricant with LMOA Generation V and GE Generation IV Long Life specifications.

Features & Benefits

- Enhanced corrosion resistance
- Effective deposit and wear control
- Improved engine oil efficiency and cost savings
- Extended oil drain intervals

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	kg/m ³	GOST 3900	0.895
Kinematic Viscosity at 40°C	mm ² /s	GOST 33	150.0
Kinematic Viscosity at 100°C	mm ² /s	GOST 34	14.00
Viscosity Index	-	GOST 25371	93
Water Content	%	GOST 2477	None
Mechanical Impurities	%	GOST 6370	None
Flash Point (COC)	°C	GOST 4333	246
Pour Point	°C	GOST 20287	-15
Color (15:85)	-	GOST 20284	2.0
Total Base Number	mg KOH / g	GOST 12417	11.0

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

Performance claims

- API CF/CF2
- SAE 40
- LMOA Generation 5
- G.E. Generation 4 Long Life
- Caterpillar 3600

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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