

Product Data Sheet

Tomoil™ Transmission Oil 75W-140 GL-5

Transmission oil

Product description

Tomoil™ Transmission Oil 75W-140 GL-5 is a multifaceted gear lubricant meticulously crafted to satisfy stringent performance criteria, adhering to the API GL-5 specifications. Specifically designed for rugged drivetrains, it addresses gear lubrication needs with elevated viscosity and outstanding load-bearing capabilities, making it particularly suitable for scenarios marked by extreme pressures and abrupt loading impacts.

Application

- Heavy duty manual transmissions, axles and final drives requiring API GL-5 performance
- On highway light and heavy duty trucks, busses and vans
- Off highway industries including: construction, mining, quarrying, and agriculture
- Other heavy-duty industrial gear drives including hypoid and worm gears operating under conditions where high speed/shock load, high speed/low torque, and/or low speed/high torque conditions prevail

Features & Benefits

- Exceptional thermal and oxidation stability
- Extended gear and bearing life
- Outstanding protection against wear in various speeds and torques
- Increased load-carrying capability
- Retention of viscosity and film strength under severe conditions
- Exceptional low-temperature fluidity compared to mineral oils
- Reduced wear and easy start-up
- Good resistance to foaming

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm ³	ASTM D 4052	0.875
Kinematic Viscosity at 100°C	mm ² /s	ASTM D 445	25.00
Kinematic Viscosity at 40°C	mm ² /s	ASTM D 445	202.5
Viscosity Index	-	ASTM D 2270	160
Flash Point (COC)	°C	ASTM D 92	200
Pour Point	°C	ASTM D 7346	-33
Copper Strip Corrosion	-	ASTM D 130	1b

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 GL-5
- MIL-L 2105 D
- MAN 342 M2
- ZF TE-ML 05A/07A/12E/16B/16C/16D/17B/19B/21A

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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