

Product Data Sheet

Tomoil™ Transmission Oil 85W-140 GL-5

Transmission oil

Product description

Tomoil™ Transmission Oil 85W-140 GL-5 stands out as a high-performance gear oil, meticulously crafted with premium base components and enhanced with specialized extreme pressure agents. Specifically tailored for automotive purposes, especially in heavy-duty axles and final drives exposed to intense pressures and shock loads, it consistently delivers superior performance, meeting the stringent API GL-5 service specifications.

Application

- Heavy-duty axles and final drives requiring API GL-5 level performance
- Cars, on-highway light and heavy-duty trucks, and commercial vehicles
- Off-highway industries including construction, mining, quarrying, and agriculture
- Other heavy-duty industrial and automotive applications involving hypoid gears operating under conditions where high-speed/shock load, high-speed/low torque, and/or low-speed/high torque prevail

Features & Benefits

- Excellent wear resistance
- Exceptional lubricating properties
- High resistance to oxidation
- Stable viscosity at elevated temperatures
- Prevents foaming
- Neutral towards seal materials

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm ³	ASTM D 4052	0.897
Kinematic Viscosity at 100°C	mm ² /s	ASTM D 445	24.50
Kinematic Viscosity at 40°C	mm ² /s	ASTM D 445	341.1
Viscosity Index	-	ASTM D 2270	93
Flash Point (COC)	°C	ASTM D 92	240
Pour Point	°C	ASTM D 7346	-21
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 Type 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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