

Product Data Sheet

Tomoil™ Transmission Oil 75W-90 GL-5

Transmission oil

Product description

Tomoil™ Transmission Oil 75W-90 GL-5 stands out as a superior multigrade gear lubricant, thoughtfully formulated with top-tier base oils and advanced additives. Tailored to deliver impressive performance in diverse operating scenarios, including extreme temperatures and harsh environments, its primary objective is to ensure unparalleled protection for modern, durable manual transmissions, and axles.

Application

Tomoil™ Transmission Oil 75W-90 GL-5 is recommended for use in manual transmissions or gearboxes (synchronized or non-synchronized) as well as in final drives, where an API GL-5 quality oil is prescribed.

Features & Benefits

- Fuel savings and reduced emissions
- Exceptional thermal and oxidation stability
- Enhanced frictional properties
- Outstanding low temperature fluidity
- Excellent resistance for wear, corrosion and foaming
- Superior extreme pressure performance

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm ³	ASTM D 4052	0.865
Kinematic Viscosity at 100°C	mm ² /s	ASTM D 445	15.00
Kinematic Viscosity at 40°C	mm ² /s	ASTM D 445	108.1
Viscosity Index	-	ASTM D 2270	145
Flash Point (COC)	°C	ASTM D 92	208
Pour Point	°C	ASTM D 7346	-42
Brookfield viscosity at minus 40°C	Cp	ASTM D 2983	110 000
Copper Strip Corrosion	-	ASTM D 130	1b
FZG Test - Failure Load Stage	-	ASTM D 5182	12

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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