

Product Data Sheet

Tomoil™ Transmission Oil 80W-90 LS GL-5

Transmission oil

Product description

Tomoil™ Transmission Oil 80W-90 LS GL-5 represents a high-performance gear lubricant engineered from meticulously selected base oils and advanced additives, specifically formulated for limited-slip differentials. Its superior formulation reduces brake chatter, prolonging the lifespan of mechanical transmission components and ensuring outstanding protection under extreme pressure conditions.

Application

Tomoil™ Transmission Oil 80W-90 LS GL-5 is recommended for use in all types of synchronized manual transmissions (including heavy-duty), in differentials (including LS with excessive friction), steering equipment and other transmission parts where API GL-5 LS oil is required.

Features & Benefits

- Superb frictional properties
- Effective limited-slip performance
- High thermal and oxidation stability
- Extended gear and bearing life
- Outstanding anti-wear properties
- Increased load-carrying capability
- Effective low-temperature lubrication

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm ³	ASTM D 4052	0.895
Kinematic Viscosity at 100°C	mm ² /s	ASTM D 445	15.50
Kinematic Viscosity at 40°C	mm ² /s	ASTM D 445	161.0
Viscosity Index	-	ASTM D 2270	98
Flash Point (COC)	°C	ASTM D 92	206
Pour Point	°C	ASTM D 7346	-27

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

Performance claims

- API GL-5
- MIL-L 2105D
- MAN 342 Type M2
- Volvo STD 1273.1
- ZF TE-ML 05C/ 07A/08/12E/16E/17B/19B/21C

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 | • 200 L Drum sheet metal |
| • 5 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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