

Product Data Sheet

Tomoil™ Transmisionn Oil EP 80W GL-4

Transmission oil

Product description

Engineered with precision, Tomoil™ Transmisionn Oil EP 80W GL-4 represents an intricate formulation comprising a fusion of meticulously chosen base oils and versatile additives engineered to endure high-pressure environments. It promises unparalleled performance and resilience under pressure, specifically tailored for systems mandating compliance with API GL-4 performance benchmarks.

Application

Tomoil™ Transmission Oil EP 80W GL-4 is recommended for transmissions, manual transmissions, and axle drives with normal to high loading for which an API GL4 gear oil is required.

Features & Benefits

- Mitigates operational noise
- Compatible with prevalent sealing materials
- Demonstrates exceptional resistance to aging
- Displays commendable viscosity/temperature characteristics
- Minimizes wear-related effects
- Exhibits noteworthy high-pressure absorption capacity

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm ³	ASTM D 4052	0.863
Kinematic Viscosity at 100°C	mm ² /s	ASTM D 445	8.200
Kinematic Viscosity at 40°C	mm ² /s	ASTM D 445	65.55
Viscosity Index	-	ASTM D 2270	92
Flash Point (COC)	°C	ASTM D 92	228
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-4
- MIL-L 2105D
- MB 235.1
- MAN 341 Typ E1
- MAN 341 Typ Z2
- ZF TE-ML 02A/17A

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 | • 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

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by ALCO LLC for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our sales specialists if you require any further information.