



Aminol Transmission TN3 80W-90 GL-5

Product Data Sheet

Transmission oil

Product description

Aminol Transmission TN3 80W-90 GL-5 is a high-quality multi-grade gear oil fortified with a selected additive package to offer exceptional shifting performance, favorable low-temperature fluidity, and the ability to retain viscosity even at high temperatures. It has been specially designed for manual transmissions, differentials, and final drives where extreme pressures and shock loading are expected.

Application

Aminol Transmission TN3 80W-90 GL-5 is suitable for automotive gearboxes, axles, differentials, transaxles, and hypoid gear sets in motorcycles, passenger cars, commercial vehicles, off-road construction equipment, and agricultural equipment, where GL-5 oil with a viscosity of SAE 80W-90 is recommended.

Features & Benefits

- Superior thermal and oxidation stability
- Excellent rust and corrosion protection
- Effective low-temperature lubrication
- Better compatibility with typical automotive seals and gaskets
- Reduced wear and longer component life

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm ³	ASTM D 4052	0.892
Kinematic Viscosity at 100°C	mm ² /s	ASTM D 445	15.00
Kinematic Viscosity at 40°C	mm ² /s	ASTM D 445	157.7
Viscosity Index	-	ASTM D 2270	95
Flash Point, COC	°C	ASTM D 92	230
Pour Point	°C	ASTM D 7346	-30
Copper Strip Corrosion	-	ASTM D 130	1b

Typical property characteristics are based on current production. Whilst future production will conform to Aminol 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



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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.aminol.az

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
- 4 L Canister plastic
- 5 L Canister plastic
- 7 L Canister plastic
- 20 L Canister plastic
- 30 L Canister plastic
- 200 L Drum sheet metal
- 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 are 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.