



Product Data Sheet

Aminol™ Transmission 75W-90 GL-5/MT-1

Transmission oil

Product description

Aminol™ Transmission 75W-90 GL-5/MT-1 is a premium-quality synthetic transmission fluid developed for use in synchronized or non-synchronized manual gearboxes, axles, and reduction gears. Formulated with advanced synthetic base stocks and rigorously tested extreme pressure additive technology, it delivers excellent performance and outstanding gear protection.

Application

Aminol™ Transmission 75W-90 GL-5/MT-1 is suitable for differentials, axles, speed transfer cases, and steering equipment of vehicles operating under maximum load conditions, where the equipment manufacturer recommends the use of a transmission oil with API GL-5 classification.

Features & Benefits

- Excellent thermo-oxidative stability.
- Outstanding load-bearing characteristics.
- Effective rust and corrosion protection.
- Superior low-temperature fluidity.
- Exceptional frictional properties.
- Reduced wear and ease of start-up, even in arctic conditions.
- Improved synchronizer performance and prolonged component life.

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm ³	ASTM D 4052	0.853
Kinematic Viscosity at 100°C	mm ² /s	ASTM D 445	14.5
Kinematic Viscosity at 40°C	mm ² /s	ASTM D 445	89.2
Viscosity Index	-	ASTM D 2270	170
Flash Point (COC)	°C	ASTM D 92	210
Pour Point	°C	ASTM D 97	-42



Brookfield viscosity at minus 40°C	Cp	ASTM D 2983	115 000
Copper Strip Corrosion	-	ASTM D 130	1a
FZG Test - Failure Load Stage	-	ASTM D 5182	12

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/MT-1
- MACK GO-J
- MIL-PRF-2105E
- SAE J2360
- MB 235.0
- MAN 342 Type M2
- SCANIA STO 1:0
- Renault
- DAF
- MAN 341 GA1/Z2
- ZF TE-ML 02B/04G/05A/07A/08/12L/16F/17H/19C/21A/24A

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

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