



Aminol Transmission 85W-90 LS GL-5

Product Data Sheet

Transmission fluid

Product description

Aminol Transmission 85W-90 LS GL-5 is a high-quality hypoid gear oil engineered specifically for use in axle drives equipped with limited-slip differentials. Its unique friction properties enable smooth, noise-free operation and extend the life of multiplate clutches within limited-slip differentials (LSDs).

Application

Aminol Transmission 85W-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

- Extremely high load-carrying capacity
- Excellent wear protection
- Outstanding limited-slip features
- Exceptional resistance to aging
- High oxidation resistance, even under elevated thermal stress
- Effective foam/air separation and stability at high speeds
- Compatibility with non-ferrous metals and seals
- Remarkable viscosity-temperature behavior

Typical Properties

Property	Unit	Test method	Typical value
Density at 15°C	g/cm ³	ASTM D 4052	0.897
Kinematic Viscosity at 100°C	mm ² /s	ASTM D 445	16.00
Kinematic Viscosity at 40°C	mm ² /s	ASTM D 445	170.5
Viscosity Index	-	ASTM D 2270	97
Flash Point, COC	°C	ASTM D 92	206
Pour Point	°C	ASTM D 7346	-21

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
- ZF TE-ML 05C



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- ZF TE-ML 12C
- ZF TE-ML 16E
- ZF TE-ML 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.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 | • 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 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.

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