

SYNTHETIC GEAR LS

SAE 75W-90

Product Description

SYNTHETIC GEAR LS is premium fully synthetic gear oil designed for limited-slip differential (LSD) in high performance 4-wheel drive (4WD) and off-road vehicles, such as SUVs, pick-up trucks etc. It provides excellent gears wear protection in all temperature conditions, prevents drive wheel slippage in heavy mud area, enhances vehicle handling on a slippery road, and extends oil drain interval.

Benefits

- Provides exceptional wear protection under severe operating condition.
- Offers excellent lubrication in all climate even in low temperature.
- Delivers outstanding performance on clutch system in LSD to prevent drive wheel slippage.
- Enhances vehicle handling on a slippery road.
- Provides superior thermal and oxidation stability, extended service capability.

Applications

- Designed for high performance LSD of 4WD and off-road vehicles, such as SUVs, pick-up trucks etc.
- Recommend for all drivetrain gear oil 4WD such as manual transmission, transfer case, center differential and axles requiring SAE 75W-90 requiring GL-5 quality level of gear oil.
- Suitable for used in manual transmission of commercial vehicles requiring SAE 75W-90 requiring GL-5 quality level of gear oil.

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Typical Characteristics

Tests	Methods	Units	Results
Density at 15 °C	ASTM D 4052	g/cm ³	0.868
Kinematic Viscosity at 40 °C	ASTM D 445	mm ² /s	106.6
Kinematic Viscosity at 100 °C	ASTM D 445	mm ² /s	15.6
Viscosity Index	ASTM D 2270		155
Brookfield Viscosity at -40 °C	ASTM D 2983	mPa.s	77,883
Flash Point	ASTM D 92	°C	220
Pour Point	ASTM D 5950	°C	-50

Performance Standard

- API GL-5

Health and Safety

This product shows no significant health or safety hazard when used under the recommended applications and suitable handling.

Avoid the direct contact. Wash immediately after contact. Health and safety information is available on the Safety Data Sheet (SDS) which can be obtained from <http://pttlubricants.pttplc.com>



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The product can cause some skin irritation and has flash point higher than 93.4°C

Note: Data and information contained in this publication are based on standard test under laboratory conditions and/or performance test. To consider the use of PTTOR Lubricants' products in particular application, customer is responsible for determining whether product and information are appropriate for customer conditions or should consult with PTTOR Lubricants' technical service division. The procedure of using any lubricant may differ or change depended on different machines and their manuals. Therefore, we recommend to read, understand and review the latest SDS in order to ensure the use of product is accomplished safety.

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