Mobil 1™ Syn Gear Lube LS 75W-90

Mobil Passenger Vehicle Lube , Argentina

Supreme Performance Synthetic Multi-Purpose Automotive Gear Lubricant

Product Description

Mobil 1™ Syn Gear Lube LS is a supreme performance, synthetic, multi-purpose, SAE 75W-90 automotive gear lubricant designed to help meet the highest level performance requirements of modern passenger vehicles in all types of operating conditions including limited slip applications, as well as, deliver outstanding power transfer performance. Compared to conventional hypoid gear lubricants, Mobil 1 Syn Gear Lube LS 75W-90 performs exceptionally over a wide range of temperatures. Mobil 1 Syn Gear Lube LS 75W-90 achieves this through a unique proprietary formulation, that deliver optimized viscosity-temperature properties together with the highest level of inherent formulation stability and helps to protect against thermal and oxidative degradation, wear and corrosion, viscosity loss associated with premature shearing. It also can be used in extended service and for aiding in fuel economy performance.

Features and Benefits

Mobil 1 Syn Gear Lube LS 75W-90 combines wax-free synthesized hydrocarbon base oils and a specially designed extreme-pressure, limited-slip, sulfur-phosphorous additive system to help provide a significantly higher level of performance in rear axles and differentials versus conventional fluids. Great film strength at higher operating temperatures, reduced fluid friction and low-temperature application down to -50°C helps to provide significant advantages versus conventional mineral oil formulations. It helps to reduce wear and spalling under the high speed, high torque and high horsepower conditions in competitive racing and high performance automobiles. This unique, high technology final drive gear lubricant has demonstrated outstanding performance including fuel economy, extended drain, long-term friction retention, low-temperature capability and improved differential/axle durability and cleanliness. Key features and potential benefits include:

Features	Advantages and Potential Benefits
Exceptional thermal stability and resistance to high temperature oxidation	Helps to extend gear and bearing life due to minimal deposits Long seal life Potential extended oil drain/service intervals
Outstanding protection against low speed/high torque wear and against high speed scoring	Capability to handle some of the severest driving conditions while delivering smooth efficient and reliable performance
Exceptional shear stability	Helps to retain viscosity and film strength under severe operating conditions to prevent wear
Excellent rust, staining and corrosion protection of copper and its alloys	Helps to reduce wear Long component life
Enhanced frictional properties	Improved fuel economy and reduced operating costs
Outstanding low temperature fluidity versus mineral oils	Helps to reduce wear at start up and ease of start up even in arctic conditions
Good resistance to foaming	Helps to maintain film strength for reliable lubrication
Compatible with typical automotive seals and gaskets	Helps to minimize leakage and reduce contamination
Excellent limited-slip performance	Helps to reduce chatter and improve traction

Applications

- Mobil 1 Syn Gear Lube LS 75W-90 is suitable for use in modern high performance automobiles like SUV's, Vans and Light duty trucks requiring API

GL-5 level performance

- Mobil 1 Syn gear Lube LS 75W-90 is intended for initial fill, topping-off or refilling differentials, final drives, transfer cases and other gear applications where lubricants meeting API Service GL-5 and multi-purpose or mild EP gear lubricants are recommended
- Not recommended for automatic, manual or semiautomatic transmissions for which engine oil or automatic transmission fluids are recommended
- Where extended service intervals and warranties are required

Specifications and Approvals

This product meets or exceeds the requirements of:
APIGL-5

Properties and Specifications

Property	
Grade	SAE 75W-90
Density, g/ml, ASTM D1298	0.859
Flash Point, Cleveland Open Cup, °C, ASTM D92	150
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	14.6
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	103
Pour Point, °C, ASTM D97	-39
Viscosity Index, ASTM D2270	146

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com
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