

Product Data Sheet

Mobilube SHC 75W-90 LS Fully Synthetic SAE 75W-90 Limited Slip Axle And Gear Oil

Product Description and Application

Mobilube SHC 75W-90 LS is a fully synthetic, heavy duty, automotive gear oil suitable for use as a limited slip differential axle lubricant. The combination of synthetic base fluid technology and special high performance additive package has been carefully balanced to provide a formulation meeting the low temperature fluidity and the relatively high viscosity and load carrying requirements of heavy duty drive axles and transfer cases.

Mobilube SHC 75W-90 LS combines excellent thermal stability with the extended durability and wear protection required for the most heavily loaded hypoid gear application. As an SAE 75W-90 grade it provides low temperature fluidity with high temperature stability ensuring a high level of wear protection in both conventional and limited slip axles.

Mobilube SHC 75W-90 LS is recommended for service fill and top up of commercial vehicle, construction equipment and passenger car drive axles operating under a very wide range of temperature conditions and requiring the use of a API GL-5 performance lubricant. The excellent viscosity/temperature characteristics permit its use on a year round basis in many automotive applications.

Mobilube SHC 75W-90 LS is fully compatible with conventional petroleum oils, but has greatly improved thermal and oxidation stability plus low temperature flow properties providing superior fuel economy benefits and the potential for extended drain. It is compatible with conventional type lubricants, but the full potential of its superior performance characteristics will only be obtained if the gear unit is drained and refilled with this product.

Benefits

Mobilube SHC 75W-90 LS offers the following benefits:

- Improved fuel economy over conventional SAE 90 automotive gear lubricants
- Excellent low temperature fluidity giving easier gear changing from cold compared to conventional SAE 80W and 90 grades
- High level of wear protection under the most severe conditions
- Extended drain capability
- Completely compatible with conventional petroleum gear lubricants, seals and materials usually used in automotive applications

Specifications

Mobilube SHC 75W-90 LS meets the requirements of the following specifications:

- API GL-5

Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

Typical Characteristics

Mobilube SHC 75W-90 LS

SAE Grade	75W-90
Viscosity, cSt at 40°C	107
Viscosity, cSt at 100°C	15.2
Viscosity Index	149
Pour Point, °C	-46
Flash Point, °C	175

Due to continual product research and development, the information contained herein is subject to change without notice.

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