

Product Description and Application

Mobilube XHP is a semi-synthetic gear oil suitable for use in passenger car and commercial vehicle manual gear boxes.

Mobilube XHP combines the latest advanced gear oil additive technology with high performance mineral and synthetic base oils. It has been developed to meet the compatibility and frictional requirements of most modern European synchromesh gear boxes, resulting in a fluid which provides and sustains smoother gear change characteristics. Its excellent thermal stability, wear protection and friction durability make it ideal for extended drain applications. As an SAE 75W-90 grade it provides low temperature fluidity with high temperature stability ensuring all year round protection and performance.

Mobilube XHP 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 Mobilube XHP.

Mobilube XHP is recommended for service fill and top up of commercial vehicle, construction equipment and passenger car manual transmissions and transfer cases where an API GL-4 oil is prescribed.

Mobilube XHP is not suitable for automatic or semi-automatic transmissions for which engine oils or special fluids are required.

Benefits

Mobilube XHP offers the following benefits:

- Improved fuel economy over conventional SAE 90 gear lubricants
- Excellent low temperature fluidity and high temperature stability giving easier gear changing from cold and ensuring year round protection
- High level of wear protection under the most severe conditions
- Demonstrable synchromesh compatibility and superior 'shiftability'
- Superior protection against rust and corrosion
- Extended drain capability
- Highly shear stable
- Completely compatible with conventional petroleum gear lubricants, and seals and materials typically used in automotive applications

Specifications

Mobilube XHP meets or is listed against the performance requirements of the following specification:

- API GL-4

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 XHP	
SAE Grade	75W-90
Viscosity, cSt at 40°C	80.4
Viscosity, cSt at 100°C	13.9
Viscosity Index	180
Brookfield Viscosity at -40°C, cP	147,000
Pour Point, °C	-45
Flash Point, °C	218

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

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