

Product Data Sheet

Mobilube GX Series Multi-Purpose Gear Lubricants

Product Description and Application

Mobilube GX Series oils are multi-purpose gear lubricants made from solvent refined paraffinic base oils containing extreme pressure additives.

Mobilube GX Series oils are formulated to meet the service requirements of gears, particularly hypoid, in passenger cars and commercial vehicles operating under high speed, low torque and low speed, high torque conditions. They have good resistance to foaming and protect metallic surfaces against staining, rust and corrosion.

Mobilube GX Series oils can be operated at bulk oil temperatures up to 100°C, provided recommended oil change procedures are followed.

Mobilube GX Series oils are suitable for enclosed commercial vehicle and passenger car gear type transmissions and drive axles where products meeting the listed specifications are required. They are also suitable for gear sets in contractor equipment requiring a multi-purpose type gear lubricant. Non EP lubricants are usually recommended for worm gear final drives, however, Mobilube GX Series oils can be used providing the bulk oil temperature is below 100°C.

Benefits

Mobilube GX Series oils offer the following benefits:

- Protect against wear and scoring under arduous conditions
- Protect against rust and corrosion
- Resist deterioration and deposit formation at high operating temperatures
- Recommended for hypoid, double reduction and spiral bevel gears
- Suitable for worm drives operating below 100°C bulk oil temperature
- Wide application range reduces inventories
- Completely compatible with all elastomers usually encountered in automotive service
- Reduced wear rates and long service life increase operating profit

Specifications

Mobilube GX Series oils meet or exceed the performance requirements of the following specifications :

API GL-4 (Multi-purpose Type)
MAN 341 N
ZF TE-ML 02 and 08

In addition, Mobilube GX 80W A is approved to Mercedes Benz MB 235.1

Health and Safety

Based on available toxicological information, it has been determined that these products pose 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 GX	80W A	80W-90
SAE Viscosity Grade	80W	80W-90
Viscosity, cSt at 40°C	85	131
Viscosity, cSt at 100°C	8.6/11.3	13.6/14.4
Channel Point, °C max.	-33	-27
Flash Point, °C COC	180	204

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

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