Mobil

# MOBILUBE HD SERIES

Mobil Commercial Vehicle Lube , Ireland

Heavy Duty Automotive Gear Lubricants

## Product Description

Mobilube HD Series are high performance, heavy duty gear lubricants formulated from high performance base oils and an advanced additive system. These lubricants are engineered for automotive applications including heavy duty axles and final drives where extreme pressures and shock loading are expected. They are recommended by ExxonMobil for applications where API GL-5 service is required.

## Features and Benefits

Today's heavy equipment applications place higher performance demands on drive train lubricants. Higher speeds, higher torque and heavier loads require improved formulations to maximise equipment life and optimise operating costs. Longer service intervals place additional demands on the gear lubricant requiring effective basestock and additive systems. Mobilube HD Series of gear lubricants are engineered to meet these challenges. The key benefits include:

| Features | Advantages and Potential Benefits |
|---|---|
| Exceptional thermal stability and resistance to high temperature oxidation | Extended gear and bearing life due to minimal depositsLonger seal life |
| Outstanding protection against low speed/high torque wear and against high speed scoring | Increased load carrying capabilityReduced maintenance costs and longer equipment life |
| Excellent rust and corrosion protection | Reduced wear and longer component life |
| Effective low temperature lubrication | Improved startability |
| Compatible with typical automotive seals and gaskets | Minimum leakage and reduced contamination |

## Applications

Recommended by ExxonMobil for use in:

- Heavy duty axles and final drives requiring API GL-5 level performance
- Passenger cars, on highway light and heavy duty trucks and commercial vehicles
- Off highway industries including: construction, mining, quarrying and agriculture
- Other heavy duty industrial and automotive applications involving hypoid gears operating under conditions where high speed/shock load, high speed/low torque, and/or low speed/high torque prevail

## Specifications and Approvals

| This product meets or exceeds the requirements of: | 80W-90 | 85W-140 |
|---|---|---|
| API GL-5 | X | X |

## Properties and Specifications

| Property | 80W-90 | 85W-140 |
|---|---|---|
| Grade | SAE 80W-90 | SAE 85W-140 |
| Brookfield Viscosity @ -12 C, mPa.s, ASTM D2983 | | 100000 |
| Brookfield Viscosity @ -26 C, mPa.s, ASTM D2983 | 120000 | |
| Kinematic Viscosity @ 100 C, mm2/s, ASTM D445 | 14.5 | 27.5 |
| Shear Stability (KRL 20h), mm2/s, CEC L-45-A-99 | 14 | 27 |
| Viscosity Index, ASTM D2270 | 97 | 97 |

## 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

All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries unless indicated otherwise.

08-2026

Esso Petroleum Company limited
ExxonMobil House, Ermyn Way, Leatherhead, Surrey KT22 8UX

44 (0)1372 222000
http://www.exxonmobil.com

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

ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

ExxonMobil

Exxon Mobil Esso

© Copyright 2003-2026 Exxon Mobil Corporation. All Rights Reserved