Mobil

MOBILUBE HD SERIES

Mobil Commercial Vehicle Lube , Taiwan

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

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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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