



Mobilube HD 80W-140  
Mobil Commercial Vehicle Lube, United States  
High Performance Commercial Gear Lubricant

Product Description

Mobilube HD 80W-140 is a heavy-duty gear lubricant formulated from high performance base oils and an advanced additive system. This lubricant is engineered for commercial axles and final drives where extreme pressures and shock loading are expected. It provides excellent performance 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 maximize equipment life and minimize operating costs. Longer service intervals place additional demands on the gear lubricant requiring effective basestock and additive systems. Mobilube HD 80W-140 is 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 deposits Longer seal life
Outstanding protection against low speed/high torque wear and against high speed scoring	Increased load-carrying capability Reduced maintenance costs and longer equipment life
Excellent rust and corrosion protection	Reduced wear Longer component life
Effective low temperature lubrication	Reduced wear and ease of start-up
Wide application capability	Reduced number of gear lubricants required
Compatible with typical commercial 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
- On-highway 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

<b>Mobilube HD 80W-140 meets or exceeds the requirements of the following industry specification:</b>	
API GL-5	

## Typical Properties

<b>Mobilube HD 80W-140</b>	
SAE Grade	80W-140
Viscosity, ASTM D 445	
cSt @ 40°C	260
cSt @ 100°C	26.6
Viscosity Index, ASTM D 2270	133
Pour Point, °C, ASTM D 97	-33
Flash Point, °C, ASTM D 92	178
Density @ 15°C kg/l, ASTM D 4052	0.89

## Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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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](http://www.exxonmobil.com)

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