



Mobilube HD 80W-140

Mobil Commercial Vehicle Lube , Sweden

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

| | |
|--|--|
| Mobilube HD 80W-140 meets or exceeds the requirements of the following industry specification: | |
| API GL-5 | |

Typical Properties

| | |
|---------------------|---------|
| Mobilube HD 80W-140 | |
| SAE Grade | 80W-140 |

| | |
|----------------------------------|------|
| Mobilube HD 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

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