



## Mobilube HD-N 80W-140

Mobil Commercial Vehicle Lube , Belgium

Extra High Performance Commercial Gear Lubricant

### Product Description

Mobilube HD-N 80W-140 is an extra high performance commercial gear lubricant engineered from select base oils and an advanced additive system. This lubricant is formulated for performance in heavy-duty transmissions, axles, and final drives where extreme pressures and shock loading are expected. It provides excellent chemical and thermal stability at elevated bulk oil temperatures, good performance at low temperatures and has demonstrated good rust protection resulting from water contamination and/or storage in wet conditions.

### Features and Benefits

Today's heavy equipment applications place higher performance demands on drivetrain lubricants. Higher speeds, higher torque, and heavier loads require improved formulations to maximise equipment life and minimise operating costs. Longer service intervals place additional demands on the gear lubricant. Mobilube HD-N 80W-140 gear lubricant is engineered to meet these challenges. Key benefits include:

| Features   | Advantages and Potential Benefits   |
|--|---|
| Excellent thermal stability and resistance to high temperature oxidation     | Extended gear and bearing life due to minimal deposits<br>Longer seal life          |
| Protection against low speed/high torque wear and against high speed scoring | Increased load carrying capability reduces wear and extends equipment life          |
| Excellent rust, staining, and corrosion protection                           | Reduced maintenance costs and longer component life                                 |
| Effective low temperature lubrication  | Ease of start-up and reduced wear   |
| Wide multipurpose capability   | Reduced number of gear lubricants to simplify inventory and minimise misapplication |
| Good resistance to foaming   | Maintains film strength for effective lubrication                                   |
| Compatible with typical automotive seals and gaskets                         | Minimum leakage and reduced contamination   |

### Applications

#### Recommended by ExxonMobil for use in:

- Heavy duty manual transmissions, axles, and final drives requiring API GL-5 level performance including Scania
- On-highway light and heavy duty trucks, busses, vans, and cars
- Off-highway industries including: construction, quarrying, and agriculture
- Other heavy-duty industrial and automotive applications involving hypoid and other gears operating under conditions where high speed/shock load, high speed/low torque, and/or low speed/high torque conditions prevail
- Initial fill, top-up, and refill of enclosed commercial-type gearing in manual or semiautomatic transmissions where gear lubricants are recommended including drive axles and final drives of trucks, off-highway equipment, and cars
- Not recommended for applications requiring API GL-4 level performance
- Not intended for transmissions for which engine oil or automatic transmission fluids are recommended
- For limited-slip differential applications, it may be necessary to use a special factory-provided gear lubricant for those requiring ultimate chatter control

### Specifications and Approvals

Mobilube HD-N 80W-140 meets or exceeds the requirements of the following industry specification:

|   |  |
|---|--|
| <b>Mobilube HD-N 80W-140 meets or exceeds the requirements of the following industry specification:</b> |  |
| API GL-5  |  |
| Scania STO 1:0  |  |

## Typical Properties

|                                  |         |
|----------------------------------|---------|
| <b>Mobilube HD-N 80W-140</b>     |         |
| SAE Grade                        | 80W-140 |
| Viscosity, ASTM D 445            |         |
| cSt @ 40°C                       | 262     |
| cSt @ 100°C                      | 25.3    |
| Viscosity Index, ASTM D 2270     | 125     |
| Pour Point, °C, ASTM D 97        | -30     |
| Flash Point, °C, ASTM D 92       | 196     |
| Density @ 15°C kg/l, ASTM D 4052 | 0.892   |

## 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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