



## Mobilube™ HD 75W-90

Mobil Commercial Vehicle Lube , Denmark

Heavy Duty Automotive Gear Lubricants

### Product Description

Mobilube HD 75W-90 is an SAE 75W-90 product meeting the requirements of API GL-5. It has been formulated using a combination of high quality base fluids with a highly shear stable Viscosity Index Improver.

### 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 help to meet these challenges. The key potential 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                                  |
| 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  | 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

|  |
|--|
| <b>This product meets or exceeds the requirements of the following industry specification:</b> |
| API GL-5   |

### Properties and Specifications

|                 |  |
|-----------------|--|
| <b>Property</b> |  |
|-----------------|--|

| Property   |            |
|--|------------|
| Grade  | SAE 75W-90 |
| Brookfield Viscosity @ -40 C, mPa.s, ASTM D2983            | 119000     |
| Density @ 15 C, g/ml, ASTM D4052                           | 0,88       |
| Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445 | 16         |
| Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445  | 101        |
| Flash Point, °C, ASTM D92                                  | 200        |
| Pour Point, °C, ASTM D97                                   | -45        |
| Viscosity Index, ASTM D2270                                | 170        |

### 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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ExxonMobil Nordic

Affiliate of ExxonMobil Nordic AS, Norway

Gydevang 39-41

DK-3450 Allerød, Denmark

Tel: +45 45 99 02 10

Fax : +45 45 99 02 80

[www.exxonmobil.no](http://www.exxonmobil.no)

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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