



## Mobilube™ GX 80W-90

Mobil Commercial Vehicle Lube , Italy

Heavy Duty Automotive Gear Lubricants

### Product Description

Mobilube GX 80W-90 is a high performance, heavy duty gear lubricant formulated from high quality base oils and an advanced additive system. This lubricant is engineered for automotive heavy-duty transmissions, axles and final drives where protection against wear and scoring is required. It is recommended by ExxonMobil for use in applications where API GL-4 service is required.

### 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 optimise operating costs. Longer service intervals place additional demands on the gear lubricant requiring effective basestock and additive systems. Mobilube GX 80W-90 is engineered to meet these challenges. The key benefits include:

| Features  | Advantages and Potential Benefits                      |
|---|--|
| Good thermal stability and resistance to high temperature oxidation | Extended gear and bearing life due to minimal deposits |
| Good thermal stability and resistance to high temperature oxidation | Longer seal life                                       |
| Excellent rust and corrosion protection                             | Longer component life                                  |
| Good low temperature lubrication                                    | Reduced wear at start-up and ease of start-up          |
| Compatible with typical 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-4 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 including hypoid gears operating under moderate to severe conditions

### Specifications and Approvals

|   |
|---|
| <b>This product is recommended for use in applications requiring:</b> |
| API GL-4  |

### Properties and Specifications

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

| Property   |            |
|--|------------|
| Grade  | SAE 80W-90 |
| Density @ 15 C, g/ml, ASTM D4052                           | 0.89       |
| Flash Point, °C, ASTM D92                                  | 250        |
| Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445 | 14.2       |
| Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445  | 143        |
| Pour Point, °C, ASTM D97                                   | -33        |
| Viscosity Index, ASTM D2270                                | 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>

All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries unless indicated otherwise.

11-2022

### Esso Italiana s.r.l.

Via Castello della Magliana 25  
00148, Roma, Italia

You can always contact our Technical Help Desk engineers on Mobil lubricants and services related questions: <https://www.mobil.it/it-it/contact-us>

800.011723

<http://www.exxonmobil.com>

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)

ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

**ExxonMobil**



© Copyright 2003-2023 Exxon Mobil Corporation. All Rights Reserved