



**Mobilube™ GX-A 80W**  
Mobil Commercial-Vehicle-Lube , United Kingdom  
Automotive Gear Lubricant

**Product Description**

Mobilube GX-A 80W is an automotive gear lubricant formulated from high performance base oils and an advanced additive system. This lubricant is engineered for commercial transmissions, axles, and final drives where protection against wear and scoring is required. It is recommended by ExxonMobil for use in Mercedes Benz applications where MB-Approval 235.1 is required and in applications where API GL-4 service is required.

**Features and Benefits**

Today's drivetrain applications place higher performance demands on 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-A 80W is engineered to meet these challenges. The key benefits include:

Features	Advantages and Potential Benefits
Good thermal stability and resistance to high temperature oxidation	Long gear and bearing life due to minimal deposits Long seal life
Excellent rust and corrosion protection	Long component life
Good low temperature lubrication	Reduced wear at start-up and ease of start-up
Compatible with typical automotive seals and gaskets	Minimum leakage and reduced contamination

**Applications**

Recommended by ExxonMobil for use in:

- Manual transmissions and drive axles requiring API GL-4 level performance
- Passenger cars, onhighway light and heavy-duty trucks and commercial vehicles
- Off-highway industries including: construction, quarrying, and agriculture
- Other industrial, commercial, and automotive applications including hypoid gears operating under moderate to severe operating conditions

**Specifications and Approvals**

This product has the following approvals:
MB-Approval 235.1
ZF TE-ML 17A
This product is recommended for use in applications requiring:
API GL-4

**This product is recommended for use in applications requiring:**

MAN 341 Typ Z1

**This product meets or exceeds the requirements of:**

R. Bosch AS TE-ML 08

### Properties and Specifications

Property	
Grade	SAE 80W
Density @ 15 C, kg/l, ASTM D4052	0.89
Flash Point, Cleveland Open Cup, °C, ASTM D92	216
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	10.0
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	76
Pour Point, °C, ASTM D97	-30
Viscosity Index, ASTM D2270	104

### 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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You can always contact our Technical Help Desk engineers on Mobil lubricants and services related questions: <https://www.mobil.co.uk/en-gb/contact-us-technical>

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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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