



## Mobilube™ GX-A 80W

Mobil Commercial Vehicle Lube , Barbados

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<br>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: |
|---|
| DTFR 13B100                               |
| ZF TE-ML 17A                              |
| MB 235.14                                 |

| 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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11-2024

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