



## Mobil Super™ 3000 Formula M 5W-40

Mobil Passenger Vehicle Lube , South Korea

Fully Synthetic Engine Oil

### Product Description

Mobil Super™ 3000 Formula M 5W-40 is a fully synthetic, high performance motor oil primarily intended for use in Mercedes Benz (MB) vehicles where a product for extended service intervals (Long Life) service intervals is required

### Features and Benefits

Mobil Super 3000 Formula M 5W-40 provides the following features and benefits:

- Permits extended operation at elevated temperatures without oxidative oil thickening and oil breakdown.
- Provides excellent fluidity at low temperatures allowing easy winter starting and rapid oil circulation around the engine.
- Suitable for use in both gasoline and some diesel engine passenger car and light commercial vehicles.

### Applications

Mobil Super 3000 Formula M 5W-40 has been developed to meet the highest specifications for motor oils required by Mercedes Benz. It offers excellent performance at both very low and very high operating temperatures and long term engine protection from wear and sludge.

### Specifications and Approvals

This product has the following approvals:
MB-Approval 229.3
MB-Approval 229.5

This product meets or exceeds the requirements of:
ACEA A3/B4

### Properties and Specifications

Property	
Grade	SAE 5W-40
Total Base Number, mgKOH/g, ASTM D2896	10
Ash, Sulfated, mass%, ASTM D874	1.1
Flash Point, Cleveland Open Cup, °C, ASTM D92	232
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	83
Mini-Rotary Viscometer, Apparent Viscosity, -35 C, mPa.s, ASTM D4684	29300

Property	
Density @ 15 C, kg/l, ASTM D1298	0.854
Hi-Temp Hi-Shear Viscosity @ 150 C, mPa.s, ASTM D4683	3.8
Viscosity Index, ASTM D2270	169
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	13.7
Pour Point, °C, ASTM D97	-36

## 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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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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