



## Mobil Super™ 3000 XE 5W-40

Mobil Passenger Vehicle Lube , New Zealand

Synthetic Engine Oil

### Product Description

Mobil Super 3000 XE 5W-40 is a synthetic high-performance low ash engine oil designed to help prolong the life and maintain the efficiency of the Exhaust Car Emission Reduction Systems in both diesel and gasoline powered automobiles.

### Features and Benefits

Mobil Super 3000 XE 5W-40 helps maintain the efficiency of the Exhaust Emission Reduction systems in both diesel and gasoline vehicles. It permits extended operation at elevated temperatures without oxidative oil thickening and oil breakdown. The product provides excellent fluidity at low temperatures and rapid oil circulation around the engine.

| Features  |
|---|
| Helps maintain the efficiency of the Exhaust Emission Reduction systems in both diesel and gasoline vehicles. |
| Permits extended operation at elevated temperatures without oxidative oil thickening and oil breakdown.       |
| Provides excellent fluidity at low temperatures and rapid oil circulation around the engine.                  |

### Applications

Mobil Super 3000 XE 5W-40 is developed to meet the latest specifications for engine oils and is compatible with the latest Diesel Particulate Filters and all gasoline catalytic converters. It offers excellent performance at both very low and very high operating temperatures and long term engine protection from wear and sludge and deposit build-up. It is the recommended product to use in BMW vehicles requiring BMW LL-04 specification.

### Specifications and Approvals

| This product has the following approvals: |
|---|
| BMW Longlife 04                           |

| This product meets or exceeds the requirements of: |
|--|
| API SL   |
| API SM   |
| API SN   |
| API SN PLUS  |
| ACEA C3  |

### Properties and Specifications

| Property  |           |
|---|-----------|
| Grade   | SAE 5W-40 |
| Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445            | 13.4      |
| Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445             | 78        |
| Viscosity Index, ASTM D2270   | 175       |
| Density @ 15 C, g/cm <sup>3</sup> , ASTM D4052                        | 0.853     |
| Pour Point, °C, ASTM D97  | -42       |
| Flash Point, Cleveland Open Cup, °C, ASTM D92                         | 246       |
| Ash, Sulfated, mass%, ASTM D874                                       | 0.8       |
| Total Base Number, mgKOH/g, ASTM D2896                                | 7.0       |
| Mini-Rotary Viscometer, Apparent Viscosity, -35 C, mPa.s, ASTM D4684  | 34200     |
| Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683 | 3.6       |

## 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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Mobil Oil New Zealand Limited  
164-188 Beaumont St  
Auckland  
New Zealand

+ 64 4 498 4000

<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)

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