# **Mobil**<sup>®</sup>

## Mobil Super™ 3000 XE1 5W-30

Mobil Passenger Vehicle Lube , Kazakhstan

Synthetic Engine Oil

### Product Description

Mobil Super 3000 XE1 5W-30 is a synthetic high-performance low ash engine oil designed to help prolong the life and maintain the efficiency of the Exhau Emission Reduction Systems in both diesel and gasoline powered automobiles.

#### Features and Benefits

Mobil Super 3000 XE1 5W-30 helps maintain the efficiency of the Exhaust Emission Reduction systems in both diesel and gasoline vehicles. It permits ext operation at elevated temperatures without oxidative oil thickening and oil breakdown. The product provides excellent fluidity at low temperatures and ra circulation around the engine.

Features	Advantages and Potential Benefits
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 XE1 5W-30 is developed to meet the latest specifications for engine oils and is compatible with the latest Diesel Particulate Filters and all ga catalytic converters. It offers excellent performance at both very low and very high operating temperatures and long term engine protection from wear and slude 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 appro	vals:
MB-Approval 229.52	
BMW Longlife 04	
MB-Approval 229.31	
MB-Approval 229.51	

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

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

API SN PLUS

#### **Properties and Specifications**

Property	
Grade	SAE 5W-30
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	12.0
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	69.2
Density @ 15 C, g/cm3, ASTM D4052	0.85
Pour Point, °C, ASTM D97	-39
Flash Point, Cleveland Open Cup, °C, ASTM D92	232
Ash, Sulfated, mass%, ASTM D874	0.8
Phosphorus, mass%, ASTM D4951	0.08

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

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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 primary not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com ExxonMobil is comparised of numerous affiliates and subsidiaries, many with names that include Esso Mobil, or ExxonMobil. Nothing in this document is inten-

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