



## Mobil Super™ All-In-One Protection XE1 5W-40

Mobil Passenger Vehicle Lube , New Zealand

Full synthetic engine oil

### Product Description

Mobil Super™ All-In-One Protection XE1 5W-40 is brought to you by the makers of Mobil 1™. This full synthetic engine oil provides outstanding engine wear protection even under the most demanding driving conditions.

Mobil Super™ All-In-One Protection XE1 5W-40 is a low ash engine oil designed to prolong the life of the exhaust car emission reduction systems in both diesel and gasoline powered automobiles.

### Features and Benefits

- Proprietary Heat Activated Anti-Wear™ molecules for enhanced engine protection.
- Help maintain the efficiency of the exhaust Emission Reduction Systems.
- Provides excellent fluidity at low temperatures allowing easy winter starting and rapid oil circulation around the engine.

### Applications

Mobil Super™ All-In-One Protection XE1 5W-40 is recommended by ExxonMobil for use in:

- Gasoline and Diesel engines with Diesel Particulate Filters (DPF) & Catalytic Convertors.
- Normal to severe operating conditions including city driving conditions.

Always consult your owner's manual to check recommended viscosity grade and specifications for your particular vehicle.

### Specifications and Approvals

This product has the following approvals:
GM dexos2
Porsche A40

This product is recommended for use in applications requiring:
API CF
MB 229.31

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

## Properties and Specifications

Property	
Grade	SAE 5W-40
Total Base Number, mgKOH/g, ASTM D2896	8
Ash, Sulfated, mass%, ASTM D874	0.8
Flash Point, Cleveland Open Cup, °C, ASTM D92	233
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	81
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	13.6
Density @ 15.6 C, g/ml, ASTM D4052	0.851
Viscosity Index, ASTM D2270	173
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10 <sup>(6)</sup> sec <sup>(-1)</sup> , mPa.s, ASTM D4683	3.5
Mini-Rotary Viscometer, Apparent Viscosity, -35 C, mPa.s, ASTM D4684	31000
Pour Point, °C, ASTM D97	-39

## 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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