



## Mobil Super™ All-In-One Protection 0W-20

Mobil Passenger Vehicle Lube , New Zealand

Full Synthetic Engine Oil

### Product Description

Mobil Super™ All-In-One Protection 0W-20 is brought to you by the makers of Mobil 1. This full synthetic engine oil is tailored to deliver improved fuel economy by up to 2%\*\* and provides outstanding engine wear protection even under the most demanding driving conditions.

Mobil Super™ All-In-One Protection 0W-20 is formulated with Heat Activated Anti-Wear™ molecules technology which provides superior engine protection under high temperature and proven in latest API SP engine test to provides better engine wear protection up to 65%\*.

Mobil Super™ All-In-One Protection 0W-20 is proven during API SP engines test to reduce damaging Low Speed Pre-Ignition (LSPI) problem in modern engines. This helps to improve engine efficiencies and prolong engine life.

### Features and Benefits

- Suitable for Toyota, Honda, Nissan, hybrid and other newer Japanese ECO gasoline engines
- Improved fuel economy by up to 2%\*\*
- Heat Activated Anti-Wear™ molecules technology provides high temperature wear protection while keeping your engine clean
- Provides better engine wear protection up to 65%\*

\* Based on Sequence IVB (Iron Wear) test result versus API SP engine test requirement. Result varies subject to engine, temperature and actual driving conditions.

\*\* Based on Sequence VIE test result versus API SP industry reference oil. Result varies subject to engine, temperature and actual driving conditions.

### Applications

Mobil Super™ All-In-One Protection 0W-20 is recommended for gasoline fueled latest Japanese and Korean engines, especially for Hybrid and ECO cars where SAE 0W-20 viscosity grade is recommended.

### Specifications and Approvals

This product meets or exceeds the requirements of:
ILSAC GF-6A
API SJ
API SL
API SM
API SN
API SN PLUS

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

API SP

Ford WSS-M2C947-A

Ford WSS-M2C947-B1

FORD WSS-M2C962-A1

**Properties and Specifications**

Property	
Grade	SAE 0W-20
Ash, Sulfated, mass%, ASTM D874	0.8
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	45
Density @ 15.6 C, g/ml, ASTM D4052	0.847
Total Base Number, mgKOH/g, ASTM D2896	7.5
Flash Point, Cleveland Open Cup, °C, ASTM D92	220
Pour Point, °C, ASTM D97	-42
Mini-Rotary Viscometer, Apparent Viscosity, -40 C, mPa.s, ASTM D4684	24700
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	2.6
Viscosity Index, ASTM D2270	170
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	8.5

**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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