



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

Mobil Passenger Vehicle Lube , Malaysia

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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