



## Mobil Super™ Everyday Protection 20W-50

Mobil Passenger Vehicle Lube , Thailand

Everyday Protection Premium Mineral Engine Oil

### Product Description

Mobil Super™ Everyday Protection 20W-50 is brought to you by the makers of Mobil 1. This premium mineral engine oil is designed for extended engine life and meet your most demanding vehicle maintenance needs.

Mobil Super™ Everyday Protection 20W-50 with ExtEngine Molecule technology is engineered with age defying and anti-wear ingredient to protect against life shortening engine wear.

### Features and Benefits

- Suitable for most Japanese and Korean gasoline engines
- Proprietary Extengine Molecule with age defying and anti-wear ingredient to protect against life shortening engine wear
- Better engine wear protection up to 65%\*
- Improve engine efficiencies by reducing Engine Low Speed Pre-Ignition (LSPI)
- Extended protection against deposits formation
- Engine protection during start up
- Helps combat sludge

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

### Applications

Mobil Super™ Everyday Protection 20W-50 exceeds latest API SP gasoline engine oil test specification. It can be used in gasoline engines that requires API SP/SN PLUS/SN/SM specifications

Mobil Super™ Everyday Protection 20W-50 have been formulated to be suitable for use in nearly all vehicles. ExxonMobil particularly recommend Mobil Super™ Everyday Protection for daily driving under normal conditions:

- Nearly all gasoline engine technologies
- Passenger cars, SUVs, light trucks and vans
- Normal Operating Conditions
- Suitable for use under a wide range of temperature conditions

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

### Specifications and Approvals

**This product is recommended for use in applications requiring:**

API CF

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

API SM

API SN

API SN PLUS

API SP

**Properties and Specifications**

Property	
Grade	SAE 20W-50
Viscosity Index, ASTM D2270	128
Total Base Number, mgKOH/g, ASTM D2896	7.5
Density @ 15.6 C, g/ml, ASTM D4052	0.882
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	17
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	147
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	4.5
Mini-Rotary Viscometer, Apparent Viscosity, -20 C, mPa.s, ASTM D4684	14900
Ash, Sulfated, mass%, ASTM D874	0.8
Flash Point, Cleveland Open Cup, °C, ASTM D92	239
Pour Point, °C, ASTM D97	-27

**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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