



## Mobil Super™ All-In-One Protection 5W-30

Mobil Passenger Vehicle Lube , Laos

Full Synthetic Engine Oil

### Product Description

Mobil Super™ All-In-One Protection 5W-30 is brought to you by the makers of Mobil 1. This full synthetic engine oil is tailored for smoother acceleration and provides outstanding engine wear protection even under the most demanding driving conditions.

Mobil Super™ All-In-One Protection 5W-30 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 5W-30 is proven during API SP engines test in reduces damaging Low Speed Pre-Ignition (LSPI) problem in modern engines. This helps to improve engine efficiencies and prolong engine life.

### Features and Benefits

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- Suitable for Toyota, Honda, Nissan, Hybrid and other newer Japanese gasoline engines
- Heat Activated Anti-Wear Molecule provides high temperature wear protection while keeping your engine clean
- Better engine wear protection up to 65%\*
- Improve engine efficiencies by reducing Engine Low Speed Pre-Ignition (LSPI)

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

### Applications

Mobil Super™ All-In-One Protection 5W-30 exceeds the latest API SP gasoline engine oil test specification and can be use in cars that requires API SP/SN PLUS/SN specifications. It is also recommended for diesel engine application requiring 5W-30 viscosity and API CF specification.

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:**

GM 6094M

API CF

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

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ILSAC GF-6A

API SP RESOURCE CONSERVING

API SP

API SN PLUS

API SN

API SM

FORD WSS-M2C961-A1

**Properties and Specifications**

Property	
Grade	SAE 5W-30
Flash Point, Cleveland Open Cup, °C, ASTM D92	232
Pour Point, °C, ASTM D97	-36
Viscosity Index, ASTM D2270	161
Total Base Number, mgKOH/g, ASTM D2896	7.5
Density @ 15 C, g/ml, ASTM D1298	0.857
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	10.6
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	62
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	3
Mini-Rotary Viscometer, Apparent Viscosity, -35 C, mPa.s, ASTM D4684	13900
Ash, Sulfated, mass%, ASTM D874	0.7

**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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