



## Mobil Super™ Friction Fighter 5W-30

Mobil Passenger Vehicle Lube , Indonesia

Synthetic Technology Engine Oil

### Product Description

Mobil Super™ Friction Fighter 5W-30 is brought to you by the makers of Mobil 1. This synthetic technology engine oil is specially engineered to enhance engine wear protection to prolong your engine life.

It is specifically formulated with FrictionFighter™ molecules to create a solid protective layer that cushions the impact when engine parts come in contact, protecting your engine against life-shortening wear. It was proven in latest API SP engine test to provides better engine wear protection up to 65%\*.

### Features and Benefits

- Suitable for use in petrol, diesel and CNG vehicles
- Proprietary FrictionFighter™ molecule technology
- Better engine wear protection up to 65%\*
- Improved engine protection
- Excellent engine cleanliness

\* 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™ Friction Fighter 5W-30 is formulated to give you confidence of protection beyond that of conventional oils. We particularly recommend it for the following vehicle types and conditions:

- Latest petrol engine technologies
- Passenger cars, light trucks and vans
- Normal to severe operating conditions
- Turbo-Chargers
- High performance engines

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

FORD WSS-M2C929-A

GM 6094M

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

API SJ

API SL

API SM

API SN

API SN PLUS

API SN PLUS RESOURCE CONSERVING

API SN RESOURCE CONSERVING

API SP

API SP RESOURCE CONSERVING

ILSAC GF-6A

FORD WSS-M2C946-A

FORD WSS-M2C946-B1

FORD WSS-M2C961-A1

**Properties and Specifications**

Property	
Grade	SAE 5W-30
Viscosity Index, ASTM D2270	151
Total Base Number, mgKOH/g, ASTM D2896	7.5
Density @ 15.6 C, g/ml, ASTM D4052	0.859
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	10.3
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	63
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10 <sup>(6)</sup> sec <sup>(-1)</sup> , mPa.s, ASTM D4683	3
Mini-Rotary Viscometer, Apparent Viscosity, -35 C, mPa.s, ASTM D4684	16400
Ash, Sulfated, mass%, ASTM D874	0.8
Pour Point, °C, ASTM D97	-39
Flash Point, Cleveland Open Cup, °C, ASTM D92	228

**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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07-2022

ExxonMobil Asia Pacific Pte Ltd  
Jakarta Representative Office  
Wisma GKBI 27th Floor  
Jl. Jenderal Sudirman No. 28  
Jakarta 10210  
Indonesia

+62 21 574 0707


<http://www.exxonmobil.com>

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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