



## Mobil Super™ Friction Fighter 10W-30

Mobil Passenger Vehicle Lube , Singapore

Premium Synthetic Technology Engine Oil

### Product Description

Mobil Super™ Friction Fighter 10W-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 and proven protection for 20 years.\*

It is specifically formulated with Friction Fighter™ molecules to create a solid protective layer that cushions the impact when engine parts come in contact, protecting your engine against life-shortening wear.

### Features and Benefits

- Suitable for use in gasoline, diesel and CNG vehicles
- Proprietary FrictionFighter™ molecule technology
- Proven protection for 20 years
- Fights sludge with active cleaning agents \*\*
- Improve engine efficiencies by reducing Engine Low Speed Pre-Ignition (LSPI)

\*Based on field trail in USA under controlled test conditions with routine oil change. 20 Years is based on annual driving distance 16,000 km. Performance may vary depending on the engine design, fuel, temperature and actual driving conditions.

\*\* Based on passing Sequence VH engine test.

### Applications

Mobil Super™ Friction Fighter 10W-30 is suitable for use in both gasoline and diesel engines.

Mobil Super™ Friction Fighter 10W-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:

- 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

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

ILSAC GF-6A

API SP

API SN PLUS

API SN

API SM

API SQ

ILSAC GF-7A

**Properties and Specifications**

Property	
Grade	SAE 10W-30
Flash Point, Cleveland Open Cup, °C, ASTM D92	226
Pour Point, °C, ASTM D97	-39
Viscosity Index, ASTM D2270	149
Total Base Number, mgKOH/g, ASTM D2896	7.5
Density @ 15.6 C, g/ml, ASTM D4052	0.858
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	10.3
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	64
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	3
Mini-Rotary Viscometer, Apparent Viscosity, -30 C, mPa.s, ASTM D4684	8900
Ash, Sulfated, mass%, ASTM D874	0.8

**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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