



## Mobil Super™ Friction Fighter 10W-40

Mobil Passenger Vehicle Lube , Singapore

Friction Fighter Synthetic Technology Engine Oil

### Product Description

Mobil Super™ Friction Fighter 10W-40 Friction Fighter is brought to you by the makers of Mobil 1. This synthetic technology engine oil is specially engineered to enhance engine wear protection and prolong your engine life.

Mobil Super™ Friction Fighter 10W-40 Friction Fighter is specifically formulated to provide a protective layer within your moving engine parts for better engine wear protection even during frequent start-stop operations of daily traffic conditions.

### Features and Benefits

- Suitable for most Japanese and Korean gasoline engines
- Proprietary Friction Fighter Molecule technology
- Better engine wear protection
- Excellent engine cleanliness
- Excellent high temperature protection
- Improve engine efficiencies by reducing Engine Low Speed Pre-Ignition (LSPI)

### Applications

Mobil Super™ Friction Fighter 10W-40 product is formulated to give you confidence of protection beyond that of conventional oils. We particularly recommend it for the following vehicle types and conditions:

- Stop and Go City Driving
- Latest engine technologies
- Gasoline passenger vehicles
- Highway cruising
- Normal to occasionally 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 meets or exceeds the requirements of:
API SP
API SN PLUS
API SN
API SM

## Properties and Specifications

Property	
Grade	SAE 10W-40
Viscosity Index, ASTM D2270	142
Total Base Number, mgKOH/g, ASTM D2896	7.5
Density @ 15.6 C, g/ml, ASTM D4052	0.868
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	12
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	91
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	3.6
Mini-Rotary Viscometer, Apparent Viscosity, -30 C, mPa.s, ASTM D4684	20600
Ash, Sulfated, mass%, ASTM D874	0.8
Flash Point, Cleveland Open Cup, °C, ASTM D92	221
Pour Point, °C, ASTM D97	-33

## 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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