Mobil

Mobil Super™ Friction Fighter 5W-30

Mobil Passenger Vehicle Lube , Australia

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 and proven protection for 20 years.*

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.

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 5W-30 is suitable for use in both gasoline and diesel engines.

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:

- 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

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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
API SQ
ILSAC GF-7A

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, mm2/s, ASTM D445	10.3
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	63
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	3

Property	
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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Mobil Oil Australia Pty Ltd
664 Collins Street,
Docklands, Victoria, 3008,
Australia
1800 105 961 or +61 3 9261 0000
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
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