



## Mobil 1™ FS 0W-30

Mobil Passenger Vehicle Lube , New Zealand

Advanced Full Synthetic Motor Oil

### Product Description

Mobil 1™ is the world's leading synthetic motor oil brand delivering our ultimate performance and protection.

Mobil 1™ FS 0W-30 is an advanced full synthetic engine oil designed delivering great engine performance beyond conventional engine oils. Mobil 1 FS 0W-30 is engineered for the latest gasoline and diesel (without Diesel Particulate Filters or DPFs) engine technology delivering excellent all-round performance. It provides exceptional cleaning power, wear protection and overall performance even during longer oil change intervals. Mobil 1 FS 0W-30 keeps your engine running like new in all driving conditions.

### Features and Benefits

Mobil 1 FS 0W-30 is engineered with a proprietary blend of ultra high performance synthetic basestocks fortified with a precisely balanced component additive system.

- Successfully challenged 18,000 KMs Oil Drain Interval\*
- Keep your engine running like new
- Ultimate Engine Performance and Wear Protection
- Enhanced Frictional Properties, Aids Fuel Economy
- Helps start-up in the low temperature
- Excellent engine cleanliness under variable fuels
- Protects engines working under high temperatures

\* Proven by actual road test in China (18,000 KMs oil drain interval and 167,000 KMs distance traveled on the road)

### Applications

Mobil 1 FS 0W-30 is recommended for many types of modern vehicles where it will help provide the performance required even under very demanding driving conditions.

- Latest diesel and gasoline (without DPF) engine technologies including high performance, turbo-charged, direct injection, and hybrids found in passenger cars, SUVs, light vans and trucks
- Most operating conditions, from mild to extreme

Always consult your owner's manual to check recommended viscosity grade and specifications for your particular vehicle.

### Specifications and Approvals

**This product has the following approvals:**

MB 229.3

MB 229.5

**This product has the following approvals:**

VW 502 00

VW 505 00

**This product is recommended for use in applications requiring:**

API CF

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

API SL

ACEA A3/B3

ACEA A3/B4

**Properties and Specifications**

Property	
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	12.2
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	66.8
Viscosity Index, ASTM D2270	182
Ash, Sulfated, mass%, ASTM D874	1.3
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	3.6
Phosphorus, mass%, ASTM D4951	0.10
Flash Point, °C, ASTM D92	228
Total Base Number, mgKOH/g, ASTM D2896	12.6
Mini-Rotary Viscometer, Apparent Viscosity, -40 C, mPa.s, ASTM D4684	20800
Density @ 15 C, g/cm <sup>3</sup> , ASTM D4052	0.847

**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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