



Mobil 1™ Formula 0W-40

Mobil Passenger Vehicle Lube , Thailand

Advanced Full Synthetic Motor Oil

Product Description

Mobil 1™ Formula 0W-40 Advanced Full Synthetic Motor Oil 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.

Features and Benefits

Mobil 1™ Formula 0W-40 is engineered with a proprietary blend of ultra-high performance synthetic basestocks fortified with a precisely balanced component additive system.

Features	Advantages and Potential Benefits
Broad application	Meets or exceeds many OEM and industry approvals
Advanced full synthetic formulation	Excellent overall lubrication and wear protection
Excellent low temperature capabilities	Rapid engine protection at start-up to reduce engine wear.
Active cleaning agents	Help keep your engine run clean
Outstanding high temperature thermal and oxidative stability	Resists oil breakdown to provide long lasting protection

Applications

Mobil 1™ Formula 0W-40 is recommended for many types of modern vehicles where it will help provide unsurpassed performance under very demanding driving conditions, including:

- Latest engine technologies including Turbo-chargers, Direct Injection, Diesels and Hybrids
- High Performance Engines
- Helps to extend Oil Drain
- Nearly all operating conditions, from mild to extreme

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-Approval 229.3

This product has the following approvals:

MB-Approval 229.5

This product is recommended for use in applications requiring:

API CF

This product meets or exceeds the requirements of:

API SJ

API SL

API SM

API SN

ACEA A3/B3

ACEA A3/B4-21

Fiat 9.55535-M2

Properties and Specifications

Property	
Grade	SAE 0W-40
Mini-Rotary Viscometer, Apparent Viscosity, -40 C, mPa.s, ASTM D4684	30500
Viscosity Index, ASTM D2270	182
Density @ 15.6 C, g/ml, ASTM D4052	0.841
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	13.8
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	3.6
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	78
Ash, Sulfated, mass%, ASTM D874	230
Flash Point, Cleveland Open Cup, °C, ASTM D92	1.2
Total Base Number, mgKOH/g, ASTM D2896	12.5
Pour Point, °C, ASTM D97	-42

Health and safetyHealth 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

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