Mobil

Mobil 1™ 0W-40

Mobil Passenger Vehicle Lube , South Korea

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™ 0W-40 is an advanced full synthetic engine oil designed delivering great engine performance beyond conventional engine oils. Mobil 1 0W-40 is engineered for gasoline and diesel (without Diesel Particulate Filters - 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 0W-40 keeps your engine running like new in all driving conditions.

Features and Benefits

Mobil 1 0W-40 is engineered with a proprietary blend of ultra-high performance synthetic base stocks 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
- Keeps your engine clean
- 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 0W-40 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

According to ExxonMobil, this product is of the following quality level:
API CF
VW 503 01

This product has the following builder approvals:
MB-Approval 229.3
MB-Approval 229.5
VW 502 00
VW 505 00
NISSAN Genuine Performances

This product meets or exceeds the requirements of:
ACEA A3/B3
ACEA A3/B4
API SN
API SM
API SL
API SJ

Properties and Specifications

Property	
Grade	SAE 0W-40
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	13.5
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	75
Viscosity Index, ASTM D2270	185
Ash, Sulfated, mass%, ASTM D874	1.3
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	3.8
Phosphorus, mass%, ASTM D4951	0.10
Flash Point, Cleveland Open Cup, °C, ASTM D92	230
Total Base Number, mgKOH/g, ASTM D2896	11.8
Mini-Rotary Viscometer, Apparent Viscosity, -40 C, mPa.s, ASTM D4684	31000
Density @ 15.6 C, g/ml, ASTM D4052	0.849

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

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