



Mobil 1™ 5W-30

Mobil Passenger Vehicle Lube , Taiwan

Advanced Full Synthetic Engine Oil

Product Description

Mobil 1™ 5W-30 is an advanced full synthetic engine oil designed to keep your engine running like new by providing exceptional wear protection, cleaning power and overall performance. Mobil 1 5W-30 meets or exceeds the requirements of the industry's toughest standards and outperforms our conventional oils. Mobil 1 technology comes as standard equipment in many different vehicles, including select high-performance vehicles.

Features and Benefits

Features	Advantages and Potential Benefits
Advanced Full synthetic formula	Helps prevent deposits and sludge build-up to enable long engine life
	Excellent overall lubrication and wear protection performance for many driving styles
Outstanding thermal and oxidation stability	Outstanding performance during the maximum oil change interval recommended in a vehicle's owners manual
Enhanced frictional properties	Aids fuel economy
Excellent low temperature capabilities	Quick cold weather starting for ultra fast protection
	Helps to extend engine life
Meet API SN Plus standard	Provide LSPI protection

Applications

Mobil 1 5W-30 is recommended for all types of modern vehicles, including high-performance turbo-charged, supercharged gasoline and diesel multi-valve fuel injected engines found in passenger cars, SUVs, light vans and light trucks.

- Mobil 1 5W-30 is a general purpose engine oil for many types of cars
- Mobil 1 5W-30 is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

Specifications and Approvals

This product has the following approvals:
GM dexos1: GEN2 Licensed
HONDA/ACURA HTO-06

This product is recommended for use in applications requiring:
Ford WSS-M2C929-A
GM 6094M

This product is recommended for use in applications requiring:
API CF
ILSAC GF-3
ILSAC GF-4
GM 4718M

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
ISUZU Gasoline EO
Ford WSS-M2C946-A
Ford WSS-M2C946-B1
ACEA A5/B5
API SP
ILSAC GF-6A

Properties and Specifications

Property	
Grade	SAE 5W-30
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	11.1
Density @ 15.6 C, g/cm ³ , ASTM D4052	0.852
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	64
Total Base Number, mgKOH/g, ASTM D2896	9
Flash Point, Cleveland Open Cup, °C, ASTM D92	230
Hi-Temp Hi-Shear Viscosity @ 150 C, mPa.s, ASTM D4683	3.0

Property	
Ash, Sulfated, mass%, ASTM D874	0.9
Mini-Rotary Viscometer, Apparent Viscosity, -35 C, mPa.s, ASTM D4684	13900
Viscosity Index, ASTM D2270	167
Pour Point, °C, ASTM D97	-45

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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