Mobil

Mobil Super™ All-In-One Protection 0W-20

Mobil Passenger Vehicle Lube , India

Full Synthetic Engine Oil

Product Description

Mobil Super™ All-In-One Protection 0W-20 is brought to you by the makers of Mobil 1. This full synthetic engine oil is tailored to deliver improved fuel economy by up to 10%* and provides outstanding engine wear protection even under the most demanding driving conditions.Designed to be E-20 compatible.

Mobil Super™ All-In-One Protection 0W-20 is formulated with Heat Activated Anti-Wear™ molecules technology which provides superior engine protection under high temperature and proven protection for 20 years.

Mobil Super™ All-In-One Protection 0W-20 is proven during API SQ engines test to reduce damaging Low Speed Pre-Ignition (LSPI) problem in modern engines. This helps to improve engine efficiencies and prolong engine life.

* Based on Sequence VIE test result vs. API SQ engine test requirement. Performance may vary depending on the engine design, temperature and actual driving conditions

Features and Benefits

Suitable for use in Gasoline, Diesel and Hybrid vehicles
- Proprietary Heat Activated Anti-Wear™ molecule technology
- Proven protection for 20 years**
- Fights sludge with active cleaning agents ***
- Improve engine efficiencies by reducing Engine Low Speed Pre-Ignition (LSPI)

Suitable for hybrid engines****
- Excellent moisture handling capabilities under water & fuel contamination
- Better emulsion stability to protect against extreme conditions
- Excellent corrosion and rust protection under water contamination
- Excellent additional anti-wear capabilities to provide greater protection against high frequency stop/start events

**Based on field trail in USA under controlled test conditions with routine oil change. 20 Years is based on annual driving distance 14,850 km. Performance may vary depending on the engine design, fuel, temperature and actual driving conditions.
*** Based on passing Sequence VH engine test.""
****Based on passing ASTM D7563, ASTM D6557 and Sequence VIII test results.

Applications

Mobil Super™ All-In-One Protection 0W-20 is suitable for use in Gasoline, Diesel and Hybrid vehicles
Mobil Super™ All-In-One Protection 0W-20 is formulated to give you confidence of protection beyond that of conventional oils. We particularly recommend it for the following vehicle types and conditions:
- Latest Passenger cars, SUV's and vans
- Normal to severe operating conditions
- Gasoline - Hybrid Engines
- Gasoline engines fitted with Turbo-Chargers
- High performance engines

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

Specifications and Approvals

This product is recommended for use in applications requiring:
API CF

This product meets or exceeds the requirements of:
API SP
API SP Resource Conserving
API SQ
API SQ Resource Conserving
ILSAC GF-7A
FORD WSS-M2C972-A1

Properties and Specifications

Property	
Grade	SAE 0W-20
Flash Point, Cleveland Open Cup, °C, ASTM D92	236
Total Base Number, mgKOH/g, ASTM D2896	7.3
Ash, Sulfated, mass%, ASTM D874	0.7
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	43
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683	2.6
Density @ 15.6 C, g/ml, ASTM D4052	0.848
Viscosity Index, ASTM D2270	164
Mini-Rotary Viscometer, Apparent Viscosity, -40 C, mPa.s, ASTM D4684	16800
Pour Point, °C, ASTM D97	-42
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	8.3

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

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