Mobil

Mobil 1™ 0W-20

Mobil Passenger Vehicle Lube , Iceland

Advanced Full Synthetic Motor Oil

Product Description

Mobil 1™ 0W-20 is an advanced full synthetic engine oil designed to help deliver outstanding engine protection and enhanced fuel economy. Mobil 1 0W-20 meets or exceeds the requirements of various vehicle manufacturers and industry standards and outperforms conventional oils. Mobil 1 0W-20 is recommended for SAE 0W-20 and 5W-20 applications.

Features and Benefits

Mobil 1 0W-20 is engineered with a proprietary blend of high performance synthetic basestocks fortified with a precisely balanced component additive system. The low viscosity, advanced full synthetic formulation helps to increase engine efficiency and improve fuel economy. Mobil 1 0W-20 provides the high-temperature protection of higher viscosity oils while offering the best fuel economy in the Mobil 1 line. Key features and potential benefits include:

Features	Advantages and Potential Benefits
Low viscosity, advanced full synthetic formula	Helps improve fuel economy when switching from higher viscosity oils. Actual savings are dependent upon vehicle/engine type, outside temperature, driving conditions and your current engine oil viscosity
Outstanding thermal and oxidation stability	Helps to reduce oil aging resulting in long lasting protection
Outstanding low temperature capabilities	Quick cold weather starting and fast protection helps to extend engine life
Precisely balanced additive component system	Excellent overall lubrication and wear protection performance for many driving styles and conditions, from mild to severe, where a 5W-20 or 0W-20 is recommended

Applications

Mobil 1 0W-20 is recommended by ExxonMobil for SAE 5W-20 and 0W-20 applications in all types of gasoline fueled passenger cars, SUV's, vans, and light trucks.

- Mobil 1 0W-20 is engineered to help deliver outstanding engine protection and fuel economy benefits.
- Mobil 1 0W-20 is recommended for extreme cold conditions to help deliver quick starts and fast lubrication.
- Mobil 1 0W-20 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

This product is recommended for use in applications requiring:
GM 6094M

This product is recommended for use in applications requiring:
API CF
API Energy Conserving (SM)
ILSAC GF-3
ILSAC GF-4
Fiat Chrysler Automotive MS-6395

This product meets or exceeds the requirements of:
API SN
API SM
API SL
API SJ
Ford WSS-M2C947-A
API SN PLUS
API SN Resource Conserving
Ford WSS-M2C947-B1
ILSAC GF-6A
FORD WSS-M2C962-A1
API SN PLUS RESOURCE CONSERVING
API SP Resource Conserving
API SP

Properties and Specifications

Property	
Grade	SAE 0W-20
Kinematic Viscosity @ 40 C, mm^2/s, ASTM D445	45
Kinematic Viscosity @ 100 C, mm^2/s, ASTM D445	8.8
Viscosity Index, ASTM D2270	169
Hi-Temp Hi-Shear Viscosity @ 150 C, mPa.s, ASTM D4683	2.6
Pour Point, °C, ASTM D97	-51

Property	
Flash Point, Cleveland Open Cup, °C, ASTM D92	224
Phosphorus, mass%, ASTM D4951	0.08
Ash, Sulfated, mass%, ASTM D874	0.9
Density @ 15.6 C, g/cm3, ASTM D4052	0.838

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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03-2021

