Mobil

Mobil 1™ ESP x2 0W-20

Mobil Passenger Vehicle Lube , Austria

ADVANCED FUEL ECONOMY, SHC SYNTHESE TECHNOLOGY ENGINE OIL

Product Description

Mobil 1™ ESP x2 0W-20 is an advanced fully synthetic engine oil specifically designed to provide outstanding engine cleanliness, wear protection, strong durability and advanced fuel economy* to keep your engine running like new. Mobil 1™ ESP x2 0W-20 is our latest technology combining durability and protection with a low viscosity, low friction engine oil that was designed in cooperation with key European Original Equipment Manufacturers (OEMs). Mobil 1™ ESP x2 0W-20 has been expertly engineered to help prolong the life and maintain the efficiency of emission systems in new emerging diesel and gasoline powered European vehicles that require SAE 0W-20 viscosity grades.

* compared vs Mobil 1 ESP 5W-30.

Features and Benefits

Features	Advantages and Potential Benefits
Active cleaning agents	Helps to prevent the buildup of harmful deposits to enable long and clean engine life** Provides outstanding engine cleanliness and sludge control
	**Compared to vehicle manufacturer standard
Outstanding thermal and oxidation stability	Helps to reduce oil aging allowing extended drain interval protection
Enhanced frictional properties	Provides up to 4% fuel economy improvement when changing from a higher viscosity 5W-30 engine oil***
	***Actual savings are dependent upon vehicle and engine type, outside temperature and barometric pressure, driving conditions and your current engine oil viscosity.
Excellent low temperature capabilities	Quick cold weather performance to help provide fast protection at start-up
Outstanding high temperature capabilities	Provided outstanding high temperature protection over the entire oil drain interval**
	**Compared to vehicle manufacturer standard
Wear protection	Provides outstanding wear protection over the full oil drain interval**
	**Compared to vehicle manufacturer standard

Applications

Mobil 1 ESP x2 0W-20 is recommended for the new high-performance gasoline, diesel and hybrid engines found in emerging European vehicles that require SAE 0W-20 viscosity grades.

- Mobil 1 ESP x2 0W-20 can only be used in the vehicles for which it is approved. It is not backward compatible with older vehicle engines.

- Mobil 1 ESP x2 0W-20 is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

**** Always consult the owner's manual of the vehicle for the manufacturer's recommended viscosity grade and specifications

Specifications and Approvals

This product has the following approvals:
GM dexosD Licensed
MB-Approval 229.71
Porsche C20
VW 508 00
VW 509 00

This product meets or exceeds the requirements of:
API SL
ACEA C5
ACEA C6
API SN Engine Test Requirements
API SP ENGINE TEST REQUIREMENTS
API SQ Engine Test Requirements

Properties and Specifications

Property	
Grade	SAE 0W-20
Viscosity Index, ASTM D2270	180
Density, 15.6C, g/cm3, ASTM D4052	0.842
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	8.0
Hi-Temp Hi-Shear Viscosity @ 150 C, mPa.s, ASTM D4683	2.6
Ash, Sulfated, mass%, ASTM D874	0.8
Flash Point, Cleveland Open Cup, °C, ASTM D92	230
Pour Point, °C, ASTM D97	-60

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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