



Mobil 1™ ESP X2 0W-20

Mobil Passenger Vehicle Lube , Malaysia

Advanced Fuel Economy, Advanced full synthetic engine oil

Product Description

Mobil 1™ ESP X2 0W-20 is an advanced full synthetic engine oil specifically designed to provide outstanding wear protection, engine cleanliness, strong durability and advanced fuel economy* to keep your engine running like new.

Mobil 1™ ESP X2 0W-20 combines 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 vehicles that require SAE 0W-20 viscosity grades.

* compared vs Mobil 1 ESP Formula 5W-30.

Features and Benefits

Mobil 1™ ESP X2 0W-20 is made with a proprietary blend of leading edge components formulated to be fully compatible with the latest Diesel Particulate Filters (DPF's) and Gasoline Catalytic Converters (CAT's). Mobil 1™ ESP X2 0W-20 has been designed to help deliver outstanding performance and protection in conjunction with fuel economy benefits.

Key features and potential benefits include:

- Reduce particulate buildup in diesel particulate filters
- Reduce poisoning of gasoline catalytic converters
- Reduce deposits and sludge buildup to enable long and clean engine life
- Reduce oil aging, allowing extended drain interval protection
- Aid fuel economy

Applications

Mobil 1™ ESP X2 0W-20 is recommended for high-performance gasoline and diesel engines in the latest passenger cars, SUVs and light vans that require SAE 0W-20 viscosity grades.

- Mobil 1™ ESP X2 0W-20 helps to protect exhaust gas after-treatment systems designed to limit engine emissions.
- 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:

MB-Approval 229.71

Porsche C20

VW 508 00

VW 509 00

This product meets or exceeds the requirements of:

ACEA C5

ACEA C6

API SN PLUS ENGINE TEST REQUIREMENTS

API SP ENGINE TEST REQUIREMENTS

Properties and Specifications

Property	
Grade	SAE 0W-20
Density, 15.6C, g/cm ³ , ASTM D4052	0.842
Total Base Number, mgKOH/g, ASTM D2896	8.4
Viscosity Index, ASTM D2270	180
Pour Point, °C, ASTM D97	-60
Flash Point, Cleveland Open Cup, °C, ASTM D92	230
Ash, Sulfated, mass%, ASTM D874	0.8
Mini-Rotary Viscometer, Apparent Viscosity, -40 C, mPa.s, ASTM D4684	10000
Hi-Temp Hi-Shear Viscosity @ 150 C, mPa.s, ASTM D4683	2.6
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	8
Kinematic Viscosity @ 40 C, mm ² /s, ASTM D445	40

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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05-2024

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23.07.2024

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