



## Mobil 1™ ESP X2 0W-20

Mobil Passenger Vehicle Lube , Japan

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 engine cleanliness, wear protection, strong durability 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.

### 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 potential fuel economy benefits. Key features and potential benefits include:

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.
Outstanding thermal and oxidation stability	Helps to reduce oil aging allowing extended drain interval protection
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**
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 and diesel engines found in emerging European vehicles that require SAE 0W-20 viscosity grades, or China 6 vehicles that has GPF (gasoline particulate filter) / DPF (diesel particulate filter)

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

<b>This product has the following approvals:</b>
GM dexosD Licensed

**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:**

API SL

ACEA C5

ACEA C6

API SN Engine Test Requirements

API SN PLUS ENGINE TEST REQUIREMENTS

API SP ENGINE TEST REQUIREMENTS

**Properties and Specifications**

Property	
Grade	SAE 0W-20
Ash, Sulfated, mass%, ASTM D874	0.8
Flash Point, Cleveland Open Cup, °C, ASTM D92	230
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
Pour Point, °C, ASTM D97	-60
Viscosity Index, ASTM D2270	180
Total Base Number, mgKOH/g, ASTM D2896	8.4
Density, 15.6C, g/cm <sup>3</sup> , ASTM D4052	0.842
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	8

**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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