



Mobil 1™ ESP X2 0W-20

Mobil Passenger Vehicle Lube , Peru

Advanced Full Synthetic Motor Oil

Product Description

Mobil 1™ ESP x2 0W-20 is an advanced full synthetic motor 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 to Mobil 1 ESP Formula 5W-30.

Features and Benefits

Features	Advantages and Potential Benefits
Active cleaning agents	Helps prevent harmful deposit build-up to allow for long, clean engine life ** Provides exceptional engine cleanliness and sludge control **Compared to vehicle manufacturer standard
Outstanding thermal and oxidation stability	Helps reduce oil aging which allows oil protection during long intervals between oil changes
Improved friction properties	Improves fuel economy by up to 4% compared to Mobil 1 ESP Formula 5W-30 *** ***Savings would be based on switching from a higher viscosity motor oil, similar to Mobil 1 ESP Formula 5W-30, to a 0W-20 viscosity grade. 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 performance	Fast cold weather performance to help provide quick protection during startup
Exceptional high temperature capabilities	Provides excellent high temperature protection throughout the entire oil change interval **. **Compared to vehicle manufacturer standard
Wear protection	Provides excellent protection against high temperatures throughout the entire oil change 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.

- 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
API SL

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

Properties and Specifications

Property	
Grade	SAE 0W-20
Viscosity Index, ASTM D2270	175
Ash, Sulfated, mass%, ASTM D874	0.8
Hi-Temp Hi-Shear Viscosity @ 150 C, mPa.s, ASTM D4683	2.6
Flash Point, Cleveland Open Cup, °C, ASTM D92	235
Kinematic Viscosity @ 100 C, mm ² /s, ASTM D445	7.9
Pour Point, °C, ASTM D97	-51
Density @ 15.6 C, g/cm ³ , ASTM D4052	0.84

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 notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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