



## Mobil 1™ ESP 5W-30

Mobil Passenger Vehicle Lube , Japan

Advanced Full Synthetic Engine Oil

### Product Description

Mobil 1™ ESP 5W-30 an advanced performance synthetic engine oil designed to help provide exceptional cleaning power, wear protection and overall performance. Mobil 1 ESP 5W-30 has been expertly engineered to help prolong the life and maintain the efficiency of emission systems in both diesel and gasoline powered automobiles. Mobil 1 ESP 5W-30 meets or exceeds the requirements of many leading industry and car manufacturers' standards required for newer modern diesel and gasoline powered passenger car engines.

### Features and Benefits

Mobil 1 ESP 5W-30 is made with a proprietary blend of leading edge components formulated to be fully compatible with the latest Gasoline Particulate Filters (GPF) and Gasoline Catalytic Converters (CAT's). Mobil 1 ESP 5W-30 has been designed to help deliver outstanding performance and protection in conjunction with fuel economy benefits. Key features and potential benefits include:

Features	Advantages and Potential Benefits
Low Ash content	Meet or exceed requirement for China 6 emission standard , Emission system protection
Low Sulphur and Phosphorous content	Helps to reduce poisoning of Gasoline Catalytic Converters
Active cleaning agents	Helps to reduce deposits and sludge build-up to enable long and clean engine life
Outstanding thermal and oxidative stability	Helps to reduce oil aging allowing extended drain interval protection
Low oil consumption formulation	Less hydrocarbon pollution
Enhanced frictional properties	Aids fuel economy

### Specifications and Approvals

This product has the following approvals:
BMW Longlife 04
MB-Approval 229.31
MB-Approval 229.51
MB-Approval 229.52
OV 040 1547 – D30
OV 040 1547 – G30
Porsche C30
VW 504 00
VW 507 00

**This product is recommended for use in applications requiring:**

FIAT 9.55535-S3

Recommended by ExxonMobil for applications requiring ACEA C2

**This product meets or exceeds the requirements of:**

API SJ

API SL

API SM

API SN

API SN PLUS

API SP

ACEA C3

**Properties and Specifications**

Property	
Grade	SAE 5W-30
Density @ 15.6 C, g/ml, ASTM D4052	0.852
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	11.9
Hi-Temp Hi-Shear Viscosity @ 150 C 1x10 <sup>(6)</sup> sec <sup>(-1)</sup> , mPa.s, ASTM D4683	3.5
Pour Point, °C, ASTM D97	-42
Ash, Sulfated, mass%, ASTM D874	0.8
Total Base Number, mgKOH/g, ASTM D2896	8.4
Flash Point, Cleveland Open Cup, °C, ASTM D92	234
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	67
Viscosity Index, ASTM D2270	175

**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.as>  
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