



Mobil 1™ ESP 5W-30

Mobil Passenger Vehicle Lube, United States

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 Potential Benefits

Mobil 1 ESP 5W-30 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 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	Helps to reduce particulate build-up in Diesel Particulate Filters
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

Features	Advantages and Potential Benefits
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
Excellent low temperature capabilities	Quick cold weather starting and fast protection to help extend engine life

Applications

Mobil 1 ESP 5W-30 is recommended for all types of modern automobile engines, especially the high-performance gasoline and diesel engines found in the latest passenger cars, SUVs and light vans.

- Mobil 1 ESP 5W-30 is especially suitable for extreme conditions, where conventional oil often may not perform
- It is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

Specifications

Mobil 1 ESP 5W-30 meets or exceeds the requirements of:
API SN, SM, SL, SJ
ACEA C2-16, C3-16

Mobil 1 ESP 5W-30 has the following builder approvals:
MB-Approval 229.31

Mobil 1 ESP 5W-30 has the following builder approvals:

MB-Approval 229.51

MB-Approval 229.52

VW 504 00/507 00

GM dexos2

Porsche C30

PSA B712290

According to ExxonMobil, Mobil 1 ESP 5W-30 is of the following quality level:	
API	CF
Volkswagen (Gasoline)	502 00 / 503 00 / 503 01
Volkswagen (Diesel)	505 00 / 506 00

Typical Properties

Typical Properties	Mobil 1 ESP 5W-30
SAE Grade	5W-30
Viscosity @ 100°C, cSt (ASTM D445)	11.8

Typical Properties	Mobil 1 ESP 5W-30
Viscosity, @ 40°C, cSt (ASTM D445)	62.6
Viscosity Index	187
Sulfated Ash, wt % (ASTM D874)	0.8
HTHS Viscosity, mPa•s @ 150°C (ASTM D4683)	3.5
Pour Point, °C (ASTM D97)	-48
Flash Point, °C (ASTM D93)	239
Density @ 15.6°C g/mL (ASTM D4052)	0.8458

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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02-2018

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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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