



Mobil 1™ ESP 5W-30

Mobil Passenger Vehicle Lube , Thailand

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 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 |
| 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 and Approvals

| This product has the following approvals: |
|---|
| VW 504 00 |
| VW 507 00 |
| PORSCHE C30 |

This product has the following approvals:

PSA B 71 2290

GM dexos2

MB-Approval 229.31

MB-Approval 229.51

MB-Approval 229.52

PSA B 71 2297

This product is recommended for use in applications requiring:

API CF

VW 502 00

VW 503 00

VW 503 01

VW 505 00

VW 506 00

This product meets or exceeds the requirements of:

API SN

API SM

API SL

API SJ

ACEA C2

ACEA C3

Properties and Specifications

| Property | |
|---|-----------|
| Grade | SAE 5W-30 |
| Viscosity, cSt @ 100°C, mm ² /s, ASTM D445 | 11.8 |
| Sulfated Ash, mass%, ASTM D874 | 0.8 |
| Hi-Temp Hi-Shear Viscosity @ 150 C, mPa.s, ASTM D4683 | 3.5 |
| Pour Point, °C, ASTM D97 | -48 |

| | |
|-----------------------------------|--------|
| Property | |
| Density @ 15 C, g/cm3, ASTM D4052 | 0.8458 |

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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