



Mobil 1™ ESP Formula 5W-30

Mobil Passenger Vehicle Lube , Iceland

Advanced Full Synthetic Engine Oil

Product Description

Mobil 1™ ESP Formula 5W-30 is an advanced performance synthetic engine oil designed to help provide exceptional cleaning power, wear protection and overall performance. Mobil 1 ESP Formula 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 Formula 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 Formula 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 Formula 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 oxidation stability | Helps to reduce oil aging allowing extended drain interval protection |
| Low oil consumption | Less hydrocarbon pollution |
| Enhanced frictional properties | Aids fuel economy |

Applications

Mobil 1 ESP Formula 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 Formula 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

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| This product has the following approvals: |
| Peugeot/Citroën Automobiles B71 2297 |
| Chrysler MS-11106 |
| GM dexos2 |
| Peugeot/Citroën Automobiles B71 2290 |

This product meets or exceeds the requirements of:

API SM Engine Test Requirements

API SN Engine Test Requirements

Properties and Specifications

| Property | |
|---|-----------|
| Grade | SAE 5W-30 |
| Ash, Sulfated, mass%, ASTM D874 | 0.6 |
| Density @ 15.6 C, g/ml, ASTM D4052 | 0.850 |
| Flash Point, Cleveland Open Cup, °C, ASTM D92 | 254 |
| Hi-Temp Hi-Shear Viscosity @ 150 C 1x10(6) sec(-1), mPa.s, ASTM D4683 | 3.58 |
| Kinematic Viscosity @ 100 C, mm2/s, ASTM D445 | 12.1 |
| Kinematic Viscosity @ 40 C, mm2/s, ASTM D445 | 72.8 |
| Pour Point, °C, ASTM D97 | -45 |
| Viscosity Index, ASTM D2270 | 164 |

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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