



## Mobil 1™ ESP LV 0W-30

Mobil Passenger Vehicle Lube , Spain

Advanced Full Synthetic Engine Oil

### Product Description

Mobil 1™ ESP LV 0W-30 is an advanced full synthetic engine oil specifically designed to provide outstanding performance.

### Features and Benefits

| Features   | Advantages and Potential Benefits                                      |
|--|--|
| Low viscosity, advanced full synthetic formulation           | Promotes engine efficiency and fuel economy                            |
| Active cleaning agents                                       | Helps prevent sludge and deposits to keep engines clean                |
| Outstanding high temperature thermal and oxidative stability | Resists oil breakdown to help provide long lasting protection          |
| Excellent low temperature capabilities                       | Outstanding cold starting and fast lubrication to protect against wear |
| Precise balance of performance additives                     | Excellent overall lubrication and wear protection                      |

### Applications

Mobil 1 ESP LV 0W-30 is designed for modern high efficiency gasoline, diesel and hybrid cars from BMW, Volvo and Mercedes-Benz as well as for Japanese and Korean vehicles that specifically call for a SAE 0W-30 viscosity grade and any of the specifications the oil supports, allowing for extended oil change intervals where recommended by the manufacturer.

- Mobil 1 ESP LV 0W-30 based on Mobil low ash synthetic technology meets or exceeds ACEA C2 industry standard to contribute to engine fuel efficiency, and to help protect exhaust gas after-treatment systems designed to limit engine emissions.
- Mobil 1 ESP LV 0W-30 is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

Owner's manual should be consulted for recommended viscosity grade and specification.

### Specifications and Approvals

| This product has the following approvals: |
|---|
| BMW Longlife 12 FE                        |
| VOLVO 95200377                            |
| MB-Approval 229.61                        |

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

FORD WSS-M2C920-A Engine Test Requirements

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

API SN Engine Test Requirements

API SL

ACEA C2

ACEA A5/B5

**Properties and Specifications**

| Property   |           |
|--|-----------|
| Grade  | SAE 0W-30 |
| Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445 | 9.7       |
| Viscosity Index, ASTM D2270                                | 180       |
| Ash, Sulfated, mass%, ASTM D874                            | 0.8       |
| Hi-Temp Hi-Shear Viscosity @ 150 C, mPa.s, ASTM D4683      | 3.0       |
| Pour Point, °C, ASTM D97                                   | -51       |
| Flash Point, °C, ASTM D93                                  | 200       |
| Density @ 15.6 C, g/cm <sup>3</sup> , ASTM D4052           | 0.8429    |

**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](http://www.exxonmobil.com)

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