



## Mobil 1™ ESP LV 0W-30

Mobil Passenger Vehicle Lube , Denmark

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 C5 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 also meets or exceeds API SP engine test requirements to help address LSPI (Low Speed Pre-Ignition), making it a preferred choice for downsized direct injection turbocharged gasoline engines.
- 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
MB-Approval 229.61
VOLVO 95200377

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

FORD WSS-M2C920A

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

API SN Engine Test Requirements

API SL

ACEA A5/B5

ACEA C2

**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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