



## Mobil 1™ 5W-30

Mobil Passenger Vehicle Lube , Australia

Advanced Full Synthetic Engine Oil

### Product Description

Mobil 1™ 5W-30 is an advanced full synthetic engine oil designed to keep your engine running like new by providing exceptional wear protection, cleaning power and overall performance. Mobil 1 5W-30 meets or exceeds the requirements of the industry's toughest standards and outperforms our conventional oils. Mobil 1 technology comes as standard equipment in many different vehicles, including select high-performance vehicles.

### Features and Benefits

| Features                                    | Advantages and Potential Benefits                                                                       |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Advanced Full synthetic formula             | Helps prevent deposits and sludge build-up to enable long engine life                                   |
|                                             | Excellent overall lubrication and wear protection performance for many driving styles                   |
| Outstanding thermal and oxidation stability | Outstanding performance during the maximum oil change interval recommended in a vehicle's owners manual |
| Enhanced frictional properties              | Aids fuel economy                                                                                       |
| Excellent low temperature capabilities      | Quick cold weather starting for ultra fast protection                                                   |
|                                             | Helps to extend engine life                                                                             |
| Meet API SN Plus standard                   | Provide LSPI protection                                                                                 |

### Applications

Mobil 1 5W-30 is recommended for all types of modern vehicles, including high-performance turbo-charged, supercharged gasoline and diesel multi-valve fuel injected engines found in passenger cars, SUVs, light vans and light trucks.

- Mobil 1 5W-30 is a general purpose engine oil for many types of cars
- Mobil 1 5W-30 is not recommended for 2-Cycle or aviation engines, unless specifically approved by the manufacturer.

### Specifications and Approvals

| This product has the following approvals: |
|-------------------------------------------|
| GM dexos1: GEN2 Licensed                  |
| HONDA/ACURA HTO-06                        |

| This product is recommended for use in applications requiring: |
|----------------------------------------------------------------|
| Ford WSS-M2C929-A                                              |
| GM 6094M                                                       |

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

API CF

ILSAC GF-3

ILSAC GF-4

GM 4718M

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

API SJ

API SL

API SM

API SN

API SN PLUS

API SN PLUS RESOURCE CONSERVING

API SN Resource Conserving

ISUZU Gasoline EO

Ford WSS-M2C946-A

Ford WSS-M2C946-B1

ACEA A5/B5

API SP

ILSAC GF-6A

**Properties and Specifications**

| Property                                                   |           |
|------------------------------------------------------------|-----------|
| Grade                                                      | SAE 5W-30 |
| Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445 | 11.1      |
| Density @ 15.6 C, g/cm <sup>3</sup> , ASTM D4052           | 0.852     |
| Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445  | 64        |
| Total Base Number, mgKOH/g, ASTM D2896                     | 9         |
| Flash Point, Cleveland Open Cup, °C, ASTM D92              | 230       |
| Hi-Temp Hi-Shear Viscosity @ 150 C, mPa.s, ASTM D4683      | 3.0       |

| Property                                                             |       |
|----------------------------------------------------------------------|-------|
| Ash, Sulfated, mass%, ASTM D874                                      | 0.9   |
| Mini-Rotary Viscometer, Apparent Viscosity, -35 C, mPa.s, ASTM D4684 | 13900 |
| Viscosity Index, ASTM D2270                                          | 167   |
| Pour Point, °C, ASTM D97                                             | -45   |

## 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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