



## Mobil 1 V Twin 20W-50

Mobil Passenger-Vehicle-Lube , United States

Advanced Performance, Full Synthetic Four-Stroke Engine Oil

### Product Description

Mobil 1 V-Twin 20W-50 is an advanced four-stroke motorcycle engine oil. This product helps to provide an unsurpassed level of performance demanded by today's high performance motorcycles. This product will help keep motorcycles running clean and protected even in extreme operating conditions like racing.

### Features and Benefits

Mobil 1 V-Twin 20W-50 combines high performance synthetic basestocks technology with a precisely balanced component system to help provide outstanding engine cleanliness, excellent wear protection at high temperatures and highly effective protection from corrosion. Regular use of Mobil 1 V-Twin 20W-50 helps maintain maximum power output due to the inherently strong performance and protection provided by the synthetic technology. This specially engineered motorcycle engine oil helps to deliver unsurpassed performance under severe race operation, air-cooled operating conditions and in any driving condition, from mild to severe. Key features and potential benefits include:

| Features                                     | Advantages and Potential Benefits  |
|--|--|
| Optimized frictional properties              | Consistent power due to reduced frictional losses<br>Overall optimized balance of engine performance and fuel economy  |
| Exceptional wear protection                  | Helps to extend engine life  |
| Outstanding thermal and oxidation stability  | Fluid film protection at all operating temperatures, from mild to severe, minimizing deposit formation especially at the high operating temperatures found in air-cooled engines |
| Outstanding low-temperature properties       | Effective lubrication at low ambient temperatures helping to enable easy starting, rapid wear protection and less drain on starter system  |
| Excellent detergent/dispersant capability    | Outstanding engine cleanliness, smooth and reliable operation  |
| Effective protection from rust and corrosion | Long life of critical valve train and bearing components   |

### Applications

Mobil 1 V-Twin 20W-50 is specifically recommended for lubrication of four-stroke motorcycle engines in high performance motorcycles, and meets or exceeds standard industry quality levels.

### Specifications and Approvals

|   |
|---|
| <b>This product is recommended by ExxonMobil for use in applications requiring:</b> |
| API SH  |
| API SG  |

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

API CF

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

API SJ

#### Properties and Specifications

| Property   |            |
|--|------------|
| Grade  | SAE 20W-50 |
| Cold-Cranking Simulator, Apparent Viscosity @ -15 C, mPa.s, ASTM D5293 | 7,500      |
| Density @ 15.6 C, g/cm <sup>3</sup> , ASTM D4052                       | 0.87       |
| Flash Point, Pensky-Martens Closed Cup, °C, ASTM D93                   | 214        |
| Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445             | 20.8       |
| Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445              | 172        |
| Mini-Rotary Viscometer, Apparent Viscosity, -20 C, mPa.s, ASTM D4684   | 14,000     |
| Pour Point, °C, ASTM D97   | -42        |
| Viscosity Index, ASTM D2270  | 142        |

#### 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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#### Exxon Mobil Corporation

22777 Springwoods Village Parkway  
Spring TX 77389

1-800-ASK MOBIL (275-6624)

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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