



## MOTUL TWIN MOTOR OIL 20W-50

**High-Performance TWIN Motorcycle Motor Oil  
100% Synthetic**

### TYPE OF USE

**MOTUL TWIN MOTOR OIL 20W-50 is a 100% synthetic, high-performance, Ester-based engine oil.** It was specifically engineered to handle the high temperatures and efforts found in high-displacement air- and water-cooled twin engines.

Its unique combination of synthetic base oils and additives, make it suitable for use also in primary cases and integrated transmissions.. Its Advanced Ester formulation is used to minimize engine internal friction losses, reduce wear and improve performance. Molecular polar bonding technology enables oil to cling to ferrous metal parts, providing a protective film to help reduce wear at start-up.

**Particularly recommended for use in H-D® Milwaukee 8®, Twin Cam®, Evolution®, Sportster® and others.**

### PERFORMANCES

STANDARDS API SL/SJ/SH/SG

PERFORMANCES JALOS MA2

#### PROTECTION

##### Ester Technology

- Molecular polar bonding technology enables oil to cling to ferrous metal parts, providing a protective film to help reduce wear at start up
- Advanced Ester formulation is used to minimize engine internal friction losses, reduce wear and improve performance

TWIN 20W50 MOTOR OIL contains a high level of ZDDP (Zinc Dialkyl Dithiophosphate) extreme pressure additives for improved engine protection and extended engine life.

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development.

Product specifications are definitive from the order which is subject to our general conditions of sale and warranty.

08/24



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JASO MA2 specification provide outstanding grip on wet clutch plates helping to prevent slippage, chatter and premature wear.

High detergent and dispersant properties to maintain engine cleanliness. across OEM-recommended long drain intervals

Anti-oxidation, Anti-corrosion, Anti-foam properties.

### RECOMMENDATIONS

Drain interval: according to manufacturer's recommendations and tuned to your own riding conditions.

Can be mixed with synthetic or mineral lubricants in an emergency. The same viscosity grade should be used. The resulting diluted mixture will not perform as well and should be changed as soon as possible.

### PROPERTIES

Color	Visual	Orange
Viscosity grade	SAE J 300	20W-50
Density at 20°C (68°F)	ASTM D1298	0.854
Viscosity at 40°C (104°F)	ASTM D445	139.4 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	20.3 mm <sup>2</sup> /s
HTHS viscosity at 150°C (302°F)	ASTM D4741	5.6 mPa.s
Viscosity Index	ASTM D2270	169.0
Pour point	ASTM D97	-18.0 °C / -0.4 °F
TBN	ASTM D2896	9.2 mg KOH/g
Flash point	ASTM D92	244.0 °C / 471.2 °F

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