

## SCOOTER EXPERT 4T MB 10W-40

4-stroke motor oil, Scooters and Maxi Scooters Urban riding & Commuting Technosynthese® – JASO MB – Low Emissions

#### TYPE OF USE

MOTUL Scooter Expert 4T MB 10W-40 is a 4-stroke motor oil for Scooters and Maxi Scooters without wet clutch.

It is specially designed for 4-stroke scooter engines of any displacement, with or without catalytic converter and is suitable for all type of leaded or unleaded gasoline fuels as well as biofuels.

#### **PERFORMANCES**

STANDARDS API SP

PERFORMANCES JALOS MB under No. M033MOT228

#### Features and benefits

- Synthetic-based lubricant Technosynthese<sup>®</sup> with an innovative package of anti-wear additives for an improved oil film resistance at high temperatures and extended overall engine protection.
- Dedicated formula for maximum efficiency & protection, smooth riding, optimized fuel economy and easy start-up.
- The API SP standard guarantees performance benefits including emissions system compatibility, oxidative stability and deposit control for the most severe modern hardware applications.
- The JASO MB specification ensures optimum engine performance and fuel economy. Compared to a JASO MA lubricant, this JASO MB lubricant offers real energy savings: Up to 2.5 % less fuel consumption compared to a 20W-50 JASO MA lubricant and up to 2 % savings compared to a 10W-40 JASO MA oil, under same urban driving conditions and in start-stop operation.

By reducing fuel consumption, this JASO MB lubricant contributes to a reduction in pollutant and thus CO2 emissions.

#### RECOMMENDATIONS

Drain interval: Up to 8,000 km, depending on manufacturer's recommendations or individual use.

Can be mixed with synthetic or mineral lubricants.



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### **PROPERTIES**

| Viscosity grade            | SAE J 300  | 10W-40              |
|----------------------------|------------|---------------------|
| Density at 20°C (68°F)     | ASTM D1298 | 0.866               |
| Viscosity at 40°C (104°F)  | ASTM D445  | 103.0 mm²/s         |
| Viscosity at 100°C (212°F) | ASTM D445  | 14.9 mm²/s          |
| Viscosity Index            | ASTM D2270 | 151.0               |
| Pour point                 | ASTM D97   | -36.0 °C / -33.0 °F |
| TBN                        | ASTM D2896 | 7.3 mg KOH/g        |
| Flash point                | ASTM D92   | 234.0 °C / 453.0 °F |