

## MÖTPRO Fully Synthetic Motorcycle Engine Oil SAE 20W50 SP MB

### Product Description

MÖTPRO 20W50 SP MB 4T is engineered with cutting-edge additive technology and high-quality synthetic base oils to meet the demands of modern 4-stroke engines. Its advanced formulation ensures reliable lubrication, reduced deposits, and enhanced fuel economy. Tailored for motorcycles equipped with catalytic converters and dry clutch systems, it guarantees smooth gear shifts, extended engine life, and superior protection under extreme conditions.

### Application

MOTPRO 20W50 SP MB is ideal for:

- High-performance motorcycles used in sport, touring, or commuting.
- Engines with catalytic converters or other exhaust after-treatment systems.
- Severe conditions, including high temperatures and heavy loads.
- Scooters, motorcycles, and ATVs requiring API SP or JASO MB standards.

### Meets and Exceeds

- **API:** SP, SN Plus, SN, SL
- **JASO:** MB (2023), MA2

### Typical Properties

Property	Method	Value
Viscosity Grade	SAE J300	20W-50
Density @ 15°C	DIN 51757	0.8532 g/cm <sup>3</sup>
Viscosity @ 40°C	ASTM D445	126.1 mm <sup>2</sup> /s
Viscosity @ 100°C	ASTM D445	18.43 mm <sup>2</sup> /s
Viscosity Index	DIN ISO 2909	164
HTHS Viscosity @ 150°C	ASTM D4741	4.8 mPa.s
Pour Point	DIN ISO 3016	-33 °C
Flash Point	DIN ISO 2592	240 °C
Evaporation Loss (Noack)	ASTM D5800	7.5 %
Total Base Number (TBN)	DIN ISO 3771	8.50 mg KOH/g
Sulfated Ash	DIN 51575	0.75 %

### Performance Benefits

- Superior oil film strength for high-speed and high-temperature conditions.
- Exceptional engine cleanliness and deposit control.
- Enhanced dry clutch performance and smooth gear shifts.
- High oxidative stability and low evaporation loss.
- Fully compatible with catalytic converters for reduced emissions.

### Recommendations

- Always follow the vehicle manufacturer's guidelines for oil type and drain intervals.
- For maximum performance, avoid mixing with other oil types.

### PROPERTIES

- Reliable lubrication for superior engine protection and dry clutch performance.
- Prevents sludge and deposits for long-lasting engine cleanliness.
- High thermal and shear stability for extended oil life.
- Optimized for engines with catalytic converters, reducing harmful emissions.
- Compatible with all commercially available motor oils.

