

## MÖTPRO Semi Synthetic Motorcycle Engine Oil SAE 10W50 SL MA2

### Product Description

MÖTPRO 10W50 SL MA2 4T is a premium semi-synthetic lubricant formulated for reliable performance and protection in modern 4-stroke motorcycle engines. It offers a balance of synthetic and mineral technologies to ensure excellent wear protection, smooth operation, and outstanding thermal resistance.

### Application

- Suitable for all 4-stroke motorcycles, including carbureted and fuel-injected models.
- Recommended for medium to large displacement bikes operating in diverse conditions.
- Compatible with motorcycles equipped with wet multi-disc clutches and catalytic converters.

### Meets and Exceeds

- **API:** SL, SJ
- **JASO:** MA2, MA

### Health and Safety

This product is not expected to pose health risks when used as directed. Avoid prolonged skin contact, and wash thoroughly after handling. Refer to the Material Safety Data Sheet (MSDS) for detailed safety instructions.

### Typical Properties

Property	Method	Value
Appearance	Visual	Clear & Bright
Water Content	Hot Plate	Nil
Color	ASTM D-1500	L2.5
Density @ 15°C, kg/L	ASTM D-1298	0.8663
Viscosity @ 100°C, cSt	ASTM D-445	18.54
Viscosity @ 40°C, cSt	ASTM D-445	143.9
Viscosity Index	ASTM D-2270	145
Flash Point, °C (COC)	ASTM D-92	250
Pour Point, °C	ASTM D-97	-33
Foam (SEQ.I/II/III)	ASTM D-892	0/0/0
TBN, mg KOH/g	ASTM D-2896	7.50
CCS @ -15°C, mPa.s	ASTM D-5293	7550

### Performance Benefits

- **Smooth Wet Clutch Performance:** Designed to meet JASO MA2 standards for seamless clutch engagement and reliable operation.
- **Engine Durability:** Protects against wear and deposits, extending engine life.
- **Thermal Stability:** Delivers consistent performance under high-temperature conditions.
- **Cold Start Efficiency:** Ensures smooth engine starts and rapid oil flow in low temperatures.
- **Catalytic Converter Compatible:** Optimized for cleaner emissions and extended life of catalytic systems.
- **Fuel Efficiency:** Reduces internal friction for better mileage and power output.

### Storage and Handling

- Store in a cool, dry place away from direct sunlight.
- Avoid mixing with other lubricants to maintain performance.
- Dispose of used oil in compliance with local regulations.

