

# Product Data Sheet

## HIPRO MZ-1 SAE 20W-50 API SG, JASO MA2

Premium Multi-Grade 4-Stroke Motorcycle Oil

### PRODUCT FEATURES

**HIPRO MZ-1 SAE 20W-50** is advanced performance motorcycle engine oil specially engineered for all four-stroke engines running on extreme and all climate riding conditions. It is formulated with a combination of quality conventional base oils and advanced additive system to provide outstanding protection against engine wear under high-temperature and high engine speed conditions.

### APPLICATIONS

Suitable for use in all modern high performance air-cooled or water-cooled four-stroke motorcycle engines. Suitable for Japanese, European, and American made motorcycles where API SG and JASO MA specifications are required

### SPECIAL PROPERTIES

- ◆ Outstanding protection against engine wears under high temperature and high engine speed conditions.
- ◆ Excellent resistant to oxidation and/or volatilization at high temperature
- ◆ Maintain engine cleanliness and formation of sludge.
- ◆ Protect engine parts from wear and corrosion, prolong engine life.
- ◆ Excellent wet clutch performance.

### PERFORMANCE LEVELS

- ◆ API SG/CD
- ◆ JASO MA2

### TYPICAL SPECIFICATION

PROPERTY	UNIT	TEST METHOD	SAE 20W-50
			SPECIFICATION
Density at 15 deg C	Kg/l	ASTM D4052	0.8930
Viscosity at 40 deg C	cSt	ASTM D 445	150.0 typ
Viscosity at 100 deg C	cSt	ASTM D445	17.5 – 19.5
Viscosity Index		ASTM D 2270	Min 115
Flash Point COC	deg C	ASTM D 92	Min 200
Pour Point	deg C	ASTM D 97	-9
Total Base Number	mgKOH/g	ASTM D 2896	5.9

\* The above specifications are typical of current production, variation in these characteristics may occur, but will not affect the product performance.

**CAUTION:** Continuous contact with used oil has caused skin cancer in lab animals. Avoid prolonged skin contact. Avoid eye contact. Wash skin thoroughly with soap and water after handling. Flush eyes with water for 15 minutes in case of contact. If swallowed, do not induce vomiting. Contact a physician immediately. **KEEP OUT OF REACH OF CHILDREN.**