

## Technical Data Sheet (TDS)

Product Name: RIDA 5W30 API SP JASO MA2

### Product Description

RIDA 5W30 API SP JASO MA2 is a high-performance, fully synthetic motor oil designed for modern petrol engines. This oil provides exceptional wear protection, high-temperature stability, and enhanced fuel efficiency. It meets the latest API SP and JASO MA2 standards, making it suitable for a wide range of applications, including motorcycles and high-performance engines.

### Key Features and Benefits

- **API SP Certified:** Meets the latest American Petroleum Institute standards, ensuring advanced protection against wear, oxidation, and sludge formation.
- **JASO MA2 Compliant:** Suitable for motorcycles with wet clutches, providing optimal friction characteristics.
- **Superior Oxidation Stability:** Reduces oil breakdown under high-temperature conditions.
- **Enhanced Fuel Economy:** Low-viscosity formula improves fuel efficiency.
- **High Shear Stability:** Maintains optimal viscosity and performance under extreme operating conditions.
- **Corrosion and Rust Protection:** Prevents rust and corrosion, extending engine life.

### Product Specifications

Property	Value
SAE Grade	5W-30
API Service Classification	SP
JASO Classification	MA2
Base Oil Type	Fully Synthetic



## Typical Applications

- Recommended for high-performance petrol engines in passenger cars, SUVs, and motorcycles requiring API SP or JASO MA2-grade oils.
- Suitable for engines with direct fuel injection, turbochargers, and those equipped with exhaust after-treatment systems.

## Typical Physical and Chemical Properties

Property	Unit	Method	Value
Viscosity @ 40°C	cSt	ASTM D445	60-70
Viscosity @ 100°C	cSt	ASTM D445	10-12
Viscosity Index	-	ASTM D2270	>150
Pour Point	°C	ASTM D97	-36
Flash Point	°C	ASTM D92	>200
Density @ 15°C	g/cm <sup>3</sup>	ASTM D4052	0.85-0.87
TBN (Total Base Number)	mg KOH/g	ASTM D2896	7.0-9.0
Noack Volatility	%	ASTM D5800	<10
Sulphated Ash	%	ASTM D874	<1.0

## Performance Standards

- **API SP:** Provides enhanced wear protection and deposit control, especially designed to meet the needs of modern engines.
- **JASO MA2:** Ensures optimal friction performance in motorcycles with wet clutches.

## Storage and Handling





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Ind. Area 2, Ajman, U.A.E

- **Storage Conditions:** Store in a cool, dry, well-ventilated area away from direct sunlight and incompatible materials.
- **Shelf Life:** 3 years from the date of manufacture when stored under recommended conditions.

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## Health and Safety

- **Precautionary Measures:** Avoid prolonged or repeated skin contact. Use protective gloves and eye protection.
- **Environmental Considerations:** Avoid release into the environment. Dispose of used oil in accordance with local regulations.

