



Product Name: RÄDER 10W30 MA2 SP

Application: Motorcycle 4T engine

JASO, API Service: MA2, SP

Viscosity Grade: 10W30

Quality: Fully synthetic

Recommended for: Wide range of motorcycles with 4 stroke engine , including those with exhaust after-treatment systems or any motorcycle engine require the same oil specification

Drain Interval: Up to 14,000 km

Product Overview

RÄDER 10W30 SP MA2 is an advanced fully -synthetic motorcycle engine oil designed for smooth engine operation, extended clutch life, and fuel-efficient performance in 4T engines.

It provides:

- Stable performance in **hot and cold conditions**
- Reliable clutch engagement under racing and stop-go use
- Enhanced **detergency** for cleaner engines
- Improved protection against **high-temperature oxidation**
- Friction-balanced formulation certified under **JASO MA2** for wet clutch compatibility

Ideal for **Japanese and European motorcycles** requiring SAE 10W-30 and JASO MA2, including **Honda, Yamaha, Suzuki, Kawasaki**, and others.

Application

Formulated for modern **4-stroke motorcycle engines**, including those with **wet clutch systems**. Suitable for **commuter bikes, sport motorcycles, cruisers, and off-road 4T engines** that demand low-viscosity performance and superior clutch control under high stress.

Performance Benefits

- **JASO MA2 Certified**
Ensures superior wet clutch performance for smooth gear shifts and reduced slippage.
- **Enhanced Thermal Stability**
Withstands high engine temperatures in city traffic and long-distance riding.
- **API SP Protection**
Provides advanced protection against wear, oxidation, timing chain wear, and LSPI.
- **Cleaner Engine Operation**
Prevents piston and valve deposits, ensuring long-term engine cleanliness.
- **Cold Start Lubrication**
Delivers quick oil circulation for reduced engine wear during cold starts.
- **Improved Fuel Efficiency**
Low-viscosity formula reduces friction losses and improves throttle response.

Performance Standards:

- API SP , API SN , SL





- JASO MA2, JASO MA

Typical Properties

Property	Method	Typical Value
Appearance	Visual	Bright and clear
Density @ 15°C	ASTM D4052	0.860 g/cm ³
Viscosity @ 40°C	ASTM D445	68 – 72 mm ² /s
Viscosity @ 100°C	ASTM D445	10.3 – 10.8 mm ² /s
Viscosity Index	ASTM D2270	≥155
CCS @ -25°C	ASTM D5293	≤6500 cP
Flash Point	ASTM D92	≥220°C
Pour Point	ASTM D97	-36°C
TBN (mg KOH/g)	ASTM D2896	7.0 – 8.0
Sulfated Ash	ASTM D874	≤1.0%
Foaming (Seq I, II, III)	ASTM D892	Pass
Shear Stability (30 cycles)	ASTM D6278	Stable

Handling and Safety

- Avoid prolonged or repeated contact with skin.
- Use protective gloves and eyewear during handling.
- Dispose of used oil in compliance with local regulations.

Storage Instructions

- Store in a cool, dry place away from sunlight and heat sources.
- Ensure containers are tightly sealed to prevent contamination

