



Product Name: RÄDER 10W30 SP MB

Application: Motorcycle 4T engine

JASO, API Service: MB, SP

Viscosity Grade: 10W30

Quality: Fully synthetic

Recommended for: For modern 4-stroke scooters and maxi scooters without wet clutches or any 4T engine require the same oil specification.

Drain Interval: Up to 16,000 km

Product Overview

RÄDER 10W30 SP MB is a 100% synthetic, high-performance engine oil specifically formulated for modern scooters and maxi scooters without wet clutches. This oil provides optimal lubrication and engine protection under various operating conditions, including urban riding with stop-and-go traffic and full load situations.

Application

- 4-stroke scooter and maxi scooter engines (without wet clutches)
- Urban riding and commuting.

Performance Benefits

- **Reduced Internal Friction:** Improves mechanical efficiency and fuel economy.
- **Instant Engine Response:** Provides optimal performance and power delivery.
- **Excellent High-Temperature Protection:** Resists oil breakdown and maintains a strong oil film for superior engine protection.
- **Low Emissions:** Contributes to reduced CO2 emissions through improved fuel efficiency.

Performance Standards:

- **API SP:** Guarantees performance benefits like emissions system compatibility, oxidation stability, and deposit control.
- **JASO MB:** Ensures optimal engine performance and fuel economy, offering up to 2.5% fuel savings compared to JASO MA lubricants.

Typical Properties

Property	Method	Unit	Typical Value
Viscosity Grade	SAE J 300	-	10W-30
Density at 20°C (68°F)	ASTM D1298	kg/L	0.8545
Viscosity at 40°C (104°F)	ASTM D445	mm ² /s	78.91
Viscosity at 100°C (212°F)	ASTM D445	mm ² /s	12.25
Viscosity Index	ASTM D2270	-	152
Pour Point	ASTM D97	°C	-36
TBN (Total Base Number)	ASTM D2896	mg KOH/g	8.75





Flash Point	ASTM D92	°C	245
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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

