



Product Name: RÄDER 10W40 SP MB

Application: Motorcycle 4T engine

JASO, API Service: MB, SP

Viscosity Grade: 10W40

Quality: Fully synthetic

Recommended for: Modern 4-stroke engine oil for Scooters and Maxi Scooters without wet clutch or any engine require the same oil specification.

Drain Interval: Up to 16,000 km

Product Overview

RÄDER 10W40 SP MB is a high-performance synthetic motor oil specifically designed for 4-stroke scooters and maxi-scooters with dry clutches and separately lubricated transmissions. Engineered to provide outstanding engine protection, fuel efficiency, and low emissions, it meets the latest API SP and JASO MB standards.

Its advanced formulation ensures reliable lubrication, reduced friction, and extended engine durability under both urban commuting and high-demand conditions. The product's optimized low-friction properties also contribute to reduced fuel consumption and lower CO₂ emissions, making it an environmentally conscious choice.

Application

- Suitable for scooters and maxi-scooters with 4-stroke engines of all displacements.
- Designed for engines with or without catalytic converters.
- Recommended for use with both leaded and unleaded gasoline as well as biofuels.
- Ideal for urban commuting and start-stop driving conditions.

Performance Benefits

- **Friction and wear reduction:** Extends engine life and enhances performance.
- **Optimal lubrication:** Ensures maximum engine protection under all operating conditions.
- **Fuel efficiency:** Meets JASO MB specifications for improved fuel economy.
- **Oxidation stability:** Maintains performance over extended drain intervals.
- **Low emissions:** Supports cleaner combustion and reduced environmental impact.
- **Noise damping:** Optimized for smooth and quiet operation.

Meets and approvals:

- **API Standards:** SP, SN, SL
- **JASO:** MB, MA2, MA





Typical Properties

Property	Method	Unit	Typical Value
SAE Grade	SAE J300	-	10W-40
Density @ 15°C	ASTM D4052	g/cm ³	0.8556
Viscosity @ 40°C	ASTM D445	mm ² /s	97.64
Viscosity @ 100°C	ASTM D445	mm ² /s	14.78
Viscosity Index	ASTM D2270	-	158
Pour Point	ASTM D97	°C	-39
Flash Point	ASTM D92	°C	242
Total Base Number (TBN)	ASTM D2896	mg KOH/g	8.50
Sulfated Ash	ASTM D874	%	0.71
Evaporation Loss (Noack)	ASTM D5800	%	7.50

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

