



Product Name: RÄDER 10W50 SL MB

Application: Motorcycle 4T engine

JASO, API Service: MB, SL

Viscosity Grade: 10W50

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 14,000 km

Product Overview

RÄDER 10W50 SL MB is a premium synthetic motor oil specifically formulated for 4-stroke scooters where JASO MB specifications are required. This lubricant ensures optimal engine performance, superior wear protection, and fuel economy, making it suitable for scooters without wet clutches. Its advanced formulation resists oil thickening and sludge formation, ensuring extended engine life, reliable cold starts, and peak performance under challenging conditions.

Application

- Designed for all types of 4-stroke motorcycles, including carbureted and fuel-injected models.
- Recommended for scooters requiring API SL or earlier standards and JASO MB classification.
- Ideal for medium to large engines operating under demanding conditions

Performance Benefits

- Outstanding wear protection for enhanced engine longevity.
- Exceptional resistance to thermal and oxidative breakdown.
- Superior performance in high-temperature environments.
- Ensures smooth engine operation, improved power output, and reliability.
- Provides excellent low-temperature start-up performance.

Meets and approvals:

- **API Standards:** SL , SJ
- **JASO:** MB , MA2 , MA

Typical Properties

Property	Method	Typical Value
Appearance	Visual	Clear & Bright
Water Content	Hot Plate	Nil
Color	ASTM D-1500	L 3.0
Density @ 15 °C (kg/L)	ASTM D-4052	0.8575
Viscosity @ 100 °C (cSt)	ASTM D-445	18.25
Viscosity @ 40 °C (cSt)	ASTM D-445	126.8





Viscosity Index	ASTM D-2270	161
Flash Point (°C)	ASTM D-92	238
Pour Point (°C)	ASTM D-5950	-39
Foaming Tendency (Seq. I/II/III)	ASTM D-892	0/0/0
TBN (mg KOH/g)	ASTM D-2896	10.15
CCS @ -25°C (mPa·s)	ASTM D-5293	6150

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

