



Product Name: RÄDER 20W50 SN MB

Application: Motorcycle 4T engine

JASO, API Service: MB, SN

Viscosity Grade: 20W50

Quality: Fully synthetic

Recommended for: Four-stroke engines of scooters, motorcycles, and ATVs with dry clutch systems requiring high-performance lubrication

Drain Interval: Up to 14,000 km

Product Overview

RÄDER 20W50 SN MB is engineered to meet the demanding requirements of API SN and JASO MB standards. This advanced lubricant offers excellent thermal stability, long-lasting performance, and enhanced protection for engine components, ensuring smooth operation and maximum reliability.

Application

- Suitable for air- and water-cooled four-stroke motorcycle engines.
- Designed for motorcycles with dry clutch systems.
- Recommended for scooters, mopeds, ATVs, and motorcycles requiring API SN or JASO MB standards.
- Perfect for daily commutes, touring, and high-performance conditions.

Performance Benefits

- **Optimized Engine Performance:** Delivers reduced friction, smoother operation, and improved power output.
- **Enhanced Durability:** Provides excellent wear protection and extended engine life.
- **Thermal Stability:** Maintains viscosity and resists breakdown under high-temperature conditions.
- **Fuel Efficiency:** Reduces friction for better mileage without compromising engine performance.
- **Engine Cleanliness:** Prevents sludge and deposit formation for optimal engine health.
- **Dry Clutch Compatibility:** Ensures efficient operation for motorcycles requiring JASO MB standards.

Meets and approvals:

- **API:** SN, SM, SL, SJ, SH, SG
- **JASO:** MB, MA2, MA

Typical Properties

Property	Method	Unit	Typical Value
Density @ 15°C	ASTM D4052	g/ml	0.860
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	125.1
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	18.15





Viscosity Index	ASTM D2270	-	162
Total Base Number (TBN)	ASTM D2896	mg KOH/g	10.15
Pour Point	ASTM D5950	°C	-33
Flash Point	ASTM D92	°C	240
Color	ASTM 1500	-	L 3.0

Recommendations

- Always follow the vehicle manufacturer's recommendations for oil type and drain intervals.
- Compatible with other synthetic and mineral oils, but optimal performance is achieved when used unmixed.

Storage and Handling

- Store in a cool, dry place away from direct sunlight.
- Keep containers tightly sealed to prevent contamination.
- Dispose of used oil in accordance with local environmental regulations.

