



**Product Name:** RÄDER 20W40 SN MB

**Application:** Motorcycle 4T engine

**JASO, API Service:** MB, SN

**Viscosity Grade:** 20W40

**Quality:** Fully synthetic

**Recommended for:** 4-stroke gasoline engines in standard motorcycles or scooters requiring JASO MB and API SN specification

**Drain Interval:** Up to 14,000 km

## Product Overview

**RÄDER 20W40 SN MB** is a high-performance fully -synthetic oil formulated for 4-stroke motorcycle and scooter engines. Meeting API SN and JASO MB standards, it delivers exceptional engine cleanliness, wear resistance, and thermal stability. Its advanced formulation ensures reliable performance under urban commuting and long-distance touring conditions.

## Application

- Recommended for standard motorcycles and scooters with dry clutch systems.
- Suitable for 4-stroke gasoline engines requiring API SN and JASO MB specifications.
- Ideal for urban commuting, touring, and mild performance applications.

## Performance Benefits

- **Improved Fuel Efficiency:** Low-friction additives enhance fuel economy without compromising power.
- **Optimal Engine Protection:** Reduces wear and extends engine life.
- **High-Temperature Stability:** Provides consistent lubrication even at elevated temperatures.
- **Engine Cleanliness:** Minimizes deposit formation and maintains smooth engine operation.
- **Dry Clutch Compatibility:** Specifically formulated for dry clutch systems used in scooters and certain motorcycles.

## Meets and approvals:

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

## Typical Properties

Property	Method	Unit	Typical Value
Viscosity Grade	SAE J300	-	20W40
Density @ 15°C	ASTM D4052	g/cm <sup>3</sup>	0.8546
Kinematic Viscosity @ 40°C	ASTM D445	mm <sup>2</sup> /s	97.08
Kinematic Viscosity @ 100°C	ASTM D445	mm <sup>2</sup> /s	14.45
Viscosity Index	ASTM D2270	-	154





Pour Point	ASTM D5950	°C	-30
Flash Point	ASTM D92	°C	240
Total Base Number (TBN)	ASTM D2896	mg KOH/g	10.15
Sulfated Ash	ASTM D874	% wt	0.78

## 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

