



Product Name: RÄDER 15W40 SN MA2

Application: Motorcycle 4T engine

JASO, API Service: MA2, SN

Viscosity Grade: 15W40

Quality: Fully synthetic

Recommended for: Modern 4 stroke scooters without wet clutch and where JASO MA2 specification is required or any motorcycle require the same oil specification

Drain Interval: Up to 10,000 km

Product Overview

RÄDER 15W40 SN MA2 is a premium fully synthetic motorcycle oil formulated for modern 4-stroke scooters requiring JASO MA2 specification. Designed for scooters without wet clutches, this advanced oil ensures exceptional engine protection, reduced emissions, and improved fuel economy. Its high-performance additives enhance oxidation stability, engine cleanliness, and wear resistance for superior performance in city traffic and long rides.

Application

- Recommended for 4-stroke scooters without wet clutches.
- Suitable for engines where JASO MA2 and API SN or below are specified.
- Ideal for both carbureted and fuel-injected engines.

Performance Benefits

- **Reduces Oil Consumption:** Minimizes oil loss for cost-effective operation.
- **Low Emissions:** Provides cleaner exhaust for environmental compliance.
- **Excellent Wear Protection:** Ensures durability under high-stress conditions.
- **Outstanding Detergent Properties:** Keeps the engine clean for optimal performance.
- **Exceptional Thermal Stability:** Delivers reliable performance at high temperatures.

Performance Standards:

- **API:** API SN, SJ
- **JASO:** JASO MA2

Typical Properties

Property	Method	Unit	Typical Value
Appearance	Visual	-	Clear & Bright
Density @ 15°C	ASTM D4052	kg/L	0.8575
Viscosity @ 40°C	ASTM D445	cSt	99.15
Viscosity @ 100°C	ASTM D445	cSt	14.75
Viscosity Index	ASTM D2270	-	155





Apparent Viscosity by CCS @ -25°C	ASTM D5293	mPa.s	5546
Flash Point (COC)	ASTM D92	°C	240
Pour Point	ASTM D5950	°C	-39
Foam Sequence I/II/III	ASTM D892	ml/ml	0/0/0
Total Base Number (TBN)	ASTM D2896	mg KOH/g	10.12

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

