



**Product Name:** RÄDER 10W40 MA2 SN

**Application:** Motorcycle 4T engine

**JASO, API Service:** MA2, SN

**Viscosity Grade:** 10W40

**Quality:** Fully synthetic

**Recommended for:** Wide range of motorcycles with 4 stroke engine , including those with exhaust after-treatment systems or any motorcycle engine require the same oil specification

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

## Product Overview

**RÄDER 10W40 SN MA2** is a premium fully synthetic lubricant tailored for air- and water-cooled 4-stroke motorcycle engines. It ensures peak performance, durability, and maximum protection for both engine and transmission. Developed for motorcycles operating in normal to extreme conditions, it is particularly suitable for wet clutch systems and catalytic converters.

## Application

- Designed for high-performance 4-stroke motorcycles with or without integrated gearboxes.
- Suitable for engines equipped with catalytic converters or other exhaust after-treatment systems.
- Ideal for sport, touring, and daily riding.

## Performance Benefits

- **Exceptional Friction Control:** Improves efficiency, power delivery, and clutch grip.
- **Advanced Oxidation Resistance:** Extends oil life even in high-temperature conditions.
- **Outstanding Wear Protection:** Protects engine components for prolonged engine life.
- **Thermal Stability:** Maintains viscosity and stability at high speeds and temperatures.
- **Enhanced Engine Cleanliness:** Reduces deposits for optimal performance over time.

## Performance Standards:

- API SN , SL
- JASO MA2, JASO MA

## Typical Properties

Property	Method	Unit	Typical Value
SAE Viscosity Grade	SAE J300	-	10W-40
Density @ 15°C	ASTM D4052	g/cm <sup>3</sup>	0.8521
Kinematic Viscosity @ 40°C	ASTM D445	mm <sup>2</sup> /s	95.88
Kinematic Viscosity @ 100°C	ASTM D445	mm <sup>2</sup> /s	14.58
Viscosity Index	ASTM D2270	-	158
HTHS Viscosity @ 150°C	ASTM D4741	mPa.s	3.8
Pour Point	ASTM D5950	°C	-39





Flash Point	ASTM D92	°C	242
Total Base Number (TBN)	ASTM D2896	mg KOH/g	7.0
Sulfated Ash	ASTM D874	% weight	0.8
Noack Volatility	ASTM D5800	% weight	9.5

## 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

