



Product Name: RÄDER 10W40 SL MA2

Application: 4-stroke motorcycle engines

JASO, API Service: JASO MA2, API SL

Viscosity Grade: 10W-40

Quality: Semi-synthetic

Recommended for: A wide range of motorcycles with 4-stroke engines, including those with exhaust after-treatment systems

Drain Interval: Up to 10,000 km

Product Overview

RÄDER 10W40 SL MA2 is a premium semi-synthetic lubricant tailored for air- and water-cooled 4-stroke motorcycle engines. It ensures reliable performance and protection for both engine and transmission. Developed for motorcycles operating in normal to moderate conditions, it is suitable for wet clutch systems and catalytic converters.

Application

- High-performance 4-stroke motorcycles with or without integrated gearboxes.
- Engines equipped with catalytic converters or other exhaust after-treatment systems.
- Sport, touring, and daily riding.

Performance Benefits

- **Reliable engine protection:** Protects against wear and tear.
- **Good thermal stability:** Maintains performance at high temperatures.
- **Smooth gear shifting:** Ensures optimal clutch performance.
- **Enhanced engine cleanliness:** Reduces deposits and sludge.

Meets and approvals:

- API SL
- API SJ
- JASO MA2
- JASO MA

Typical Properties

Property	Method	Unit	Typical Value
SAE Viscosity Grade	SAE J300	-	10W-40
Density @ 15°C	ASTM D1298	g/cm ³	0.8655
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	99.68
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	14.21
Viscosity Index	ASTM D2270	-	146
Pour Point	ASTM D97	°C	-36





Flash Point	ASTM D92	°C	232
Total Base Number (TBN)	ASTM D2896	mg KOH/g	7.50
Sulfated Ash	ASTM D874	% weight	0.812
Noack Volatility	ASTM D5800	% weight	9.50

Recommendations

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

Safety and Handling

Refer to the Safety Data Sheet (SDS) for details on safe use and handling

