



**Product Name:** RÄDER 2T API TC JASO FC

**Application:** Motorcycle 2T engine

**JASO, API Service:** FC, TC

**Quality:** Semi Synthetic

**Drain Interval:** Between 2000 and 4000 Km or 40 to 50 Hours of use

## Product Overview

RÄDER 2T API TC JASO FC is a semi-synthetic motor oil specially developed for air- and water-cooled two-stroke engines. Designed to deliver exceptional performance, it ensures superior lubrication, wear protection, and engine cleanliness under all operating conditions. With low smoke emissions and residue-free combustion, this oil is ideal for engines with catalytic converters and sporting applications.

## Application

- Suitable for all air- and water-cooled two-stroke engines.
- Ideal for sporting applications, motorcycles, scooters, and mopeds.
- Compatible with engines using separate or premix lubrication systems.

### Mixing Ratio:

Up to 1:50, as specified in the operating instructions

## Performance Benefits

- **Self-Mixing Formula:** Effortless blending with gasoline for easy application.
- **High Thermal Stability:** Maintains performance under extreme conditions.
- **Corrosion Protection:** Safeguards engine components against rust and oxidation.
- **Exceptional Wear Resistance:** Prolongs engine life.
- **Residue-Free Combustion:** Prevents deposit buildup for cleaner engine operation.
- **Low Smoke Emissions:** Environmentally conscious performance.

## Meets and approvals:

- **API:** TC, TB, TQ
- **ISO:** L-EGC/B
- **JASO:** FC, FB, FA
- **TISI:** Thailand International Standards Institute

## Typical Properties

Property	Method	Typical Value
Density @ 15°C	DIN 51757	0.8545 g/cm <sup>3</sup>
Viscosity @ 40°C	ASTM D7042-04	58.45 mm <sup>2</sup> /s
Viscosity @ 100°C	ASTM D7042-04	8.612 mm <sup>2</sup> /s
Viscosity Index	DIN ISO 2909	121
Pour Point	DIN ISO 3016	-30°C





Flash Point	DIN ISO 2592	130°C
Total Base Number (TBN)	DIN ISO 3771	1.1 mg KOH/g
Sulfate Ash Content	DIN 51575	0.06 g/100g
Color / Appearance	Visual	BLUE/GREEN

## Handling and Usage

- **For premix lubrication:** Add the specified amount of **RÄDER 2T** directly to the fuel tank and mix thoroughly.
- **For injector systems:** Fill the oil tank with **RÄDER 2T**, and the system will handle the blending process automatically.

