



Product Name: RÄDER 2T API TC JASO FD

Application: Motorcycle 2T engine

JASO, API Service: FD, TC

Quality: Fully Synthetic

Drain Interval: Between 4000 and 6000 Km or 50 to 70 Hours of use

Product Overview

RÄDER 2T API TC JASO FD is a fully synthetic, high-performance motor oil designed to deliver exceptional lubrication, wear protection, and engine cleanliness under all operating conditions. With advanced ester technology and low-smoke formulation, it ensures residue-free combustion, high thermal stability, and superior engine performance, even in the most demanding applications. Tested on racing engines and compatible with catalytic converters, it meets the highest international standards for two-stroke oils.

Application

- Designed for air- and water-cooled two-stroke engines.
- Suitable for sports bikes, scooters, enduro, off-road bikes, mopeds, and ATVs running at high RPM.
- Compatible with both oil injector systems and premix lubrication.
- Recommended mixing ratio: **1:50** or per manufacturer's specifications

Performance Benefits

- **High Thermal Stability:** Withstands extreme operating temperatures.
- **Residue-Free Combustion:** Prevents buildup of deposits and ensures cleaner exhaust systems.
- **Low Smoke Development:** Minimizes emissions and enhances riding comfort.
- **High Wear Resistance:** Protects engine components from wear and tear.
- **Self-Mixing Formula:** Ensures stable and instantaneous blending with fuel.
- **Corrosion Protection:** Guards against rust and oxidation.

Meets and approvals:

- API TC, TB, TA
- ISO-L-EGD/C/B
- JASO FD, FC, FB, FA

Typical Properties

Property	Method	Typical Value
Density @ 15°C	DIN 51757	0.875 g/cm ³
Kinematic Viscosity @ 40°C	ASTM D445	50 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D445	9.1 mm ² /s
Viscosity Index	DIN ISO 2909	165
Pour Point	DIN ISO 3016	-48°C
Flash Point	DIN ISO 2592	98°C





Total Base Number (TBN)	DIN ISO 3771	2.3 mg KOH/g
Sulfate Ash Content	DIN 51575	0.055 g/100g
Color/Appearance	Visual	BLUE/GREEN

Usage Instructions

- **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.

Storage Guidelines

- Store under cover to avoid exposure to direct sunlight and freezing conditions.
- Drums should be stored horizontally to prevent water ingress.
- Recommended storage temperature: Below 60°C.

