



Product Name: RÄDER 2T API TC JASO FB

Application: Motorcycle 2T engine

JASO, API Service: FB, TC

Quality: Premium mineral

Drain Interval: Between 1000 and 2000 Km or 20 to 30 hours of use

Product Overview

RÄDER 2T API TC JASO FB is a premium mineral-based oil specifically designed for air- and water-cooled two-stroke engines. With carefully selected high-quality base oils and advanced additives, it ensures reliable lubrication, superior wear protection, and excellent engine cleanliness under all operating conditions. Perfectly suited for premix and injector systems, **RÄDER 2T** delivers outstanding performance in various two-stroke applications

Application

- Ideal for 2-stroke motorcycles, scooters, mopeds, and other small-displacement engines.
- Compatible with oil injector systems or premix applications using leaded or unleaded gasoline.
- Suitable for lawnmowers, chainsaws, and other gasoline-powered equipment requiring API TC or JASO FB-level performance.
- Recommended premix ratio: 3% to 4% (33:1 to 25:1), or as specified by the equipment manufacturer.

Performance Benefits

- **Effortless Mixing:** Self-mixing formula ensures stable and instant blending with gasoline at any temperature.
- **Enhanced Engine Protection:** Reduces wear and prevents the buildup of deposits for longer engine life.
- **Clean Spark Plugs:** Low ash formulation minimizes fouling, ensuring reliable ignition.
- **Corrosion Resistance:** Protects engine components from rust and oxidation.
- **Low Odor, High Flash Point:** User-friendly handling with reduced toxic content and improved safety.

Meets and approvals:

- **API:** TC , TB , TA
- **JASO:** FB , FA
- **ISO:** L-EGB

Typical Properties

Property	Method	Typical Value
Density @ 15°C	ASTM D4052	0.865 g/cm ³
Kinematic Viscosity @ 40°C	ASTM D445	58.34 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D445	8.566 mm ² /s
Viscosity Index	DIN ISO 2909	120
Pour Point	DIN ISO 3016	-30°C





Flash Point	DIN ISO 2592	130°C
Total Base Number (TBN)	DIN ISO 3771	1 mg KOH/g
Sulfate Ash Content	DIN 51575	0.06 g/100g
Color	Visual	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.

