

MÖTPRO 2T MOTORCYCLE ENGINE OIL API TC JASO FD

Product Description

MÖTPRO 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.

Meets and Exceeds

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

Typical Properties

Property	Method	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

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.

Handling and Usage

- **For Premix Lubrication:** Add the specified amount of oil directly into the fuel tank and mix thoroughly.
- **For Injector Systems:** Fill the oil tank with MOTPRO TC FD, and the system will handle the blending process.

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.

