

PRODUCT DESCRIPTION

TOTACHI MOTO 4T TOURING ESTER 10W-50 is a high-performance, fully synthetic motorcycle oil formulated to provide enhanced protection and performance in severe riding conditions. Its ability to maintain its lubricating properties provides consistent protection even in extreme loads. The meticulously selected Ester base oil and premium additives guarantee comprehensive protection to the engine, clutch, gears, valve train and after-treatment system. Improved lubricity, thermal stability, and longer engine life. For use in high performance, powerful bikes, sport bikes, street bikes, trail bikes, enduro bikes and other 4-stroke motorcycles.



Carefully balanced with TOTACHI's advanced **INFINITE™** Technology, offering continuous and robust protection for the engine and after-treatment systems. It exceeds the performance demands of high-power density engines, providing exceptional

cleanliness, power, wear protection and oxidative resistance to maximize the engine life.



Unique frictional properties to effectively balance power efficiency and fuel economy, while ensuring optimal clutch friction engagement and

durability. It enhances power output, enables smoother gear shifting and maintains a cooler engine, delivering reliable performance even in demanding riding conditions.

TOTACHI MOTO 4T TOURING ESTER 10W-50 efficiently handles both colder starts and high temperatures without compromising the engine performance.

APPLICATION

For use in all 4-stroke motorcycles for road and off-road rides. Formulated to meet the demand of high performance and modern bikes, sport bikes, trail bikes, enduro bikes, street bikes, and other bikes where a SAE 10W-50 and JASO MA2 grade is recommended. Also suitable for use in ATVs and UTVs.

WARRANTY

TOTACHI MOTO 4T TOURING ESTER 10W-50 meets or exceeds the OEM's warranty requirements of 4-stroke requiring API SP or lower engine oil. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

CUSTOMER BENEFITS

- **Extended durability**
Active and stable additive components allowing it to provide extra protection and maintain stable performance in extreme riding conditions.
- **Reduced engine wear**
Strong protective oil film over engine components to minimize wear and prevents metal to metal contact, especially in high-performance engines.
- **Outstanding engine cleanliness**
Preserves engine parts cleanliness, strong protection from engine sludge and deposit buildup for a maximized performance and extended engine life.
- **Reinforced frictional performance**
Prevents clutch slippage for faster take off, quick gear shifts, and smooth power transfer while shifting gears in any riding speed.
- **Excellent compatibility**
Product is fully compatible with all engine components, meets the latest environmental standards for modern engines.

MEETS SPECIFICATIONS AND REQUIREMENTS OF:

- API SP
- JASO MA2

Before using this product, ensure it is consistent with OEM's recommendations for the equipment operating conditions and customer's maintenance practices.

TYPICAL TEST DATA

CHARACTERISTICS	UNITS	VALUES	STANDARDS
SAE Grade	-	10W-50	SAE J300
Kinematic viscosity at:			
40 °C	cSt	113.40	ASTM D445
100 °C	cSt	17.22	ASTM D445
Viscosity index	-	166	ASTM D2270
Cranking viscosity at -25°C	mPa-s	5341	ASTM D5293
Color	-	L2.5	ASTM D1500
Flash point	°C	260	ASTM D92
Pour point	°C	-33	ASTM D97
Density at 30 °C	kg/L	0.8465	ASTM D4052
Total Base Number	mg KOH/g	6.8	ASTM D2896

STORAGE AND HANDLING GUIDELINES

- Store in cool and dry places. Avoid exposing products to moisture.
- Avoid exposing products to direct sunlight.
- It is highly recommended to store drums indoors or under cover on pallets and racks.

HEALTH, SAFETY AND ENVIRONMENT PROTECTION

Information on health, safety and environment protection is described in the product Safety Data Sheet (SDS). The SDS file contains details on potential hazards, precautions and first aid measures, as well as information on environmental impact and disposal of used products.

TOTACHI INDUSTRIAL CO., LTD. disclaims any liability in case the product is used with violation of these instructions and warnings, or it is not used for its intended purpose. Before using product other than intended, consult your local TOTACHI® distributor.