

PRODUCT DESCRIPTION

TOTACHI MOTO 4T TOURING ESTER 20W-50 is a high-performance, fully synthetic motorcycle oil with excellent oil film resistance at high temperatures for extended engine protection. Provides maximum riding efficiency, smooth gear shifts, efficient clutch engagement and superior engine response in all riding conditions. 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. Excellent for high mileage motorcycles to provide optimum lubrication in wider engine clearances. 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 20W-50 provides higher lubricating properties for optimum wear protection and effectively prevents overheating.

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 20W-50 and JASO MA2 grade is recommended. Also suitable for use in ATVs and UTVs.

WARRANTY

TOTACHI MOTO 4T TOURING ESTER 20W-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

- **Excellent engine protection**
High viscosity oil to effectively maintain its integrity and lubricating properties under high-performance and severe riding conditions, both during on-road and off-road rides.
- **Perfect for high performance and older engines**
Maintains good oil pressure in engines to ensure consistent lubrication and protection in high-output and older 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	-	20W-50	SAE J300
Kinematic viscosity at:			
40 °C	cSt	116.80	ASTM D445
100 °C	cSt	17.15	ASTM D445
Viscosity index	-	161	ASTM D2270
Cranking viscosity at -15°C	mPa-s	1989	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	0.8466	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.