

### PRODUCT DESCRIPTION

TOTACHI MOTO 4T TOURING ESTER 5W-40 is a high-performance, fully synthetic motorcycle oil especially formulated to deliver protection and durability requirements to latest generation motorbikes. 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. Highly suitable in modern engines with increased power densities, delivering enhanced efficiency and reliability. 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 5W-40 protects the engines against deposits and sludge that can result from heavy traffic especially in urban's stop-and-go driving conditions.

### 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 SAE 5W-40 and JASO MA2 grade is recommended. Also suitable for use in ATVs and UTVs.

### WARRANTY

TOTACHI MOTO 4T TOURING ESTER 5W-40 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

- **Reliable engine performance**  
Excellent oil film strength reinforced frictional properties, and improved heat resistance across a wide temperature range for a consistent performance in various riding conditions.
- **Excellent wear protection**  
Flows easily even at lower temperatures, provided faster lubrication during engine start up and reducing wear at critical start-up phase.
- **Engine durability**  
Robust technology perfectly formulated for maximum protection of engines, clutch and gearbox over the oil service life.
- **Outstanding engine cleanliness**  
Preserves engine parts cleanliness, strong protection from engine sludge and deposit buildup for a maximized performance and extended engine life.
- **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	-	5W-40	SAE J300
Kinematic viscosity at:			
40 °C	cSt	80.77	ASTM D445
100 °C	cSt	13.33	ASTM D445
Viscosity index	-	168	ASTM D2270
Cranking viscosity at -30°C	mPa-s	5806	ASTM D5293
Color	-	L2.5	ASTM D1500
Flash point	°C	236	ASTM D92
Pour point	°C	-39	ASTM D97
Density at 30 °C	kg/L	0.8425	ASTM D4052
Total Base Number	mg KOH/g	7.2	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.