

PRODUCT DESCRIPTION

TOTACHI SCOOTER 4T OPTIMA 10W-40 is a premium scooter oil for all 4-stroke scooters. It provides optimum wear protection to engines and smooth acceleration in all driving conditions. Good thermal and oxidation properties to ensure maximum oil drain intervals and performance during the oil service life. It protects and keep the engine clean for a longer engine life. Low friction level to support fuel efficiency.



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.

TOTACHI SCOOTER 4T OPTIMA 10W-40 provides good oil film thickness to withstand the demanding driving conditions for short or long rides. Low volatility to prevent oil top ups.

APPLICATION

Recommended for all types of 4-stroke gasoline scooter engines requiring a viscosity grade of SAE 10W-40 and JASO MB oils. Ideal for use in both rural and urban areas, with frequent accelerations and long idling at traffic lights. It meets the requirements of JASO MB performance level. It is not suitable for use in motorcycles with wet clutch.

WARRANTY

TOTACHI SCOOTER 4T OPTIMA 10W-40 meets or exceeds the OEM's warranty requirements of 4-stroke requiring API SN or lower engine oil. TOTACHI® guarantees full compliance on the written specifications indicated on product labels.

CUSTOMER BENEFITS

- **Reliable engine performance**
Ensure cleaner engines and good oil film thickness for robust engine protection and performance in any riding conditions.
- **Extends engine life**
Thermally stable and good oxidation properties to prevent premature damage in the engine.
- **Comfortable ride**
Good lubricating properties and wear protection to help prevent engine noise and vibration contributing to quieter, responsive and more comfortable ride.
- **Excellent compatibility**
Product is fully compatible with all engine components, meets the latest environmental standards for modern engines.



MEETS SPECIFICATIONS AND REQUIREMENTS OF:

- API SN
- JASO MB

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-40	SAE J300
Kinematic viscosity at: 40 °C	cSt	101.30	ASTM D445
100 °C	cSt	14.60	ASTM D445
Viscosity index	-	149	ASTM D2270
Cranking viscosity at -25°C	mPa-s	6166	ASTM D5293
Color	-	L2.5	ASTM D1500

Flash point	°C	230	ASTM D92
Pour point	°C	-36	ASTM D97
Density at 30 °C	kg/L	0.8558	ASTM D4052
Total Base Number	mg KOH/g	6.3	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.