

# SPORT 4T

## 20W-50

### PRODUCT DESCRIPTION

High quality engine oil for modern four cycle engines of sport bikes, all terrain vehicles and buggies, including those equipped with three way catalytic converters (TWC).

The oil is manufactured using patented antifriction ZFM technology and special additive package with friction modifiers. The product meets requirements to "Low SAPS" oils with low level of sulfated ash, phosphorous and sulfur.

Increased oil film strength and outstanding oxidative stability provide unique performance of oil in high operating temperatures and under heavy loads. Additional friction modifiers contribute to smooth and effective work of friction clutch couplings in general oil sump.



### APPLICATION

TOTACHI SPORT 4T 20W-50 is recommended for high output four cycle engines of sport bikes, all terrain vehicles and buggies, which require low ash engine oils of "Low SAPS" type.

• TOTACHI SPORT 4T 20W-50 is a perfect choice for engines, operating under extremely high loads, where

conventional oils cannot be applied due to the loss of oil's protection in high operating temperatures.

### CUSTOMER BENEFITS

- TOTACHI SPORT 4T 20W-50 effectively protects loaded parts against wear due to the excellent oil film shear stability and contributes to reliable engine performance under heavy loads.
- The use of specially selected base stocks provides unique stability of protective performance under severe loads, when oil does not have sufficient time to cool.
- The product has good compatibility with three way catalytic converters (TWCs) and fully meets most stringent environmental standards.



### MEETS SPECIFICATIONS AND REQUIREMENTS OF:

- API SN/SM;
- JASO MA2.

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

### TYPICAL TEST DATA

CHARACTERISTICS	UNITS	VALUES	ASTM
SAE Grade		<b>20W-50</b>	
Kinematic viscosity at:			
40 °C	cSt	165,7	ASTM 445
100 °C	cSt	18,5	ASTM 445
Flash point	°C	250	ASTM D92
Pour point	°C	-24	ASTM D97
Density at 30 °C	Kg/l	0,874	ASTM D4052
Viscosity index		125	ASTM D2270
Color		L 3,5	ASTM D1500

***STORAGE AND HANDLING GUIDELINES***

- Avoid exposing products to direct sunlight.
- Cans, packed in cardboard boxes, must be stored in dry places. Avoid exposing products to moisture.
- It is highly recommended to store drums indoors on pallets and racks.
- If stored outdoors drums should be placed sidewise to avoid accumulation of moisture.

***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.