

ECO GASOLINE 10W-40

PRODUCT DESCRIPTION

High-quality premium semi synthetic engine oil for use in modern four cycle diesel and gasoline engines of passenger cars and light commercial vehicles which require "Low SAPS" type with limited levels of maintenance of sulfur, phosphorus and ash.



The product is manufactured using the unique patented antifriction technology ZFM™ from highly refined mineral and synthetic base oils (PAO), possessing a high viscosity index. TOTACHI ECO GASOLINE 10W-40 maintains optimal engine cleanliness, effectively prevents formation of varnish, burnout and low-temperature deposits. This engine oil is fully compatible with three way catalytic converters (TWCs).

APPLICATION

- TOTACHI ECO GASOLINE 10W-40 is recommended to achieve highly effective protection of engines of passenger cars and commercial vehicles in severe duty operations with very high loads when engine oil has no sufficient time to cool.
- TOTACHI ECO GASOLINE 10W-40 is perfectly suitable for the engines of former technological standards of manufacture which require engine oils with Service Categories API SL/SH.

TYPICAL TEST DATA

CHARACTERISTICS	UNITS	VALUES	ASTM
SAE Grade		10W-40	
Kinematic viscosity at:			
40 °C	cSt	103,7	ASTM 445
100 °C	cSt	15,01	ASTM 445
Flash point	°C	226	ASTM D92
Pour point	°C	-39	ASTM D97
Density at 30 °C	Kg/l	0,8659	ASTM D4052
Dynamic viscosity at -35°C, CCS	cPs	6235	ASTM D5293
Total Base Number, TBN	mgKON/g	7,0	ASTM D2896
Viscosity index		153	ASTM D2270
Color		L2,5	ASTM D1500

CUSTOMER BENEFITS

- The use of ZFM™ antifriction technology effectively reduces wear of parts operating under boundary lubrication and allows to maximize engine durability.
- The balanced formulation of TOTACHI ECO GASOLINE 10W-40 has high stability and excellent antioxidizing properties that allows to operate cars with extremely high level of loads and with extended service intervals.
- The product meets requirements to "Low SAPS" oils in terms of sulfur, phosphorous and sulfated ash limits, which are essential for long life of three way catalytic converters (TWCs).

TOTACHI ECO GASOLINE 10W-40 contributes to lower emission of harmful substances and fully meets requirements of latest environmental standards.



MEETS SPECIFICATIONS AND REQUIREMENTS OF:

- API SM/CF;
- ACEA A3/B4;
- VW 501 01/505 00.

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

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.