

PREMIUM ECONOMY DIESEL

0W-30

PRODUCT DESCRIPTION

Premium synthetic engine oil for modern high-tech four cycle diesel engines which require “Low SAPS” type engine oils with limited level of sulfur, phosphorous and ash.



The product is manufactured using unique patented antifriction ZFM™ technology and synthetic base stocks (PAO) with excellent stability and high viscosity index. TOTACHI PREMIUM

ECONOMY DIESEL 0W-30 possesses outstanding dispersant characteristics, maintains optimal engine cleanliness and effectively prevents formation of varnish, burnout and low temperature deposits. The product is fully compatible with diesel particulate filters (DPF) and selective catalytic reduction systems (SCR).

APPLICATION

- The product is recommended for high-tech diesel engines of passenger cars and commercial vehicles, operating under severe duty conditions in urban areas with “stop-and-go” cycles when engine oil fails to cool.
- A perfect choice for environment friendly gasoline and diesel engines, requiring “Low SAPS” type engine oils, when operating in very cold climate conditions.

CUSTOMER BENEFITS

- Due to the use of ZFM™ antifriction technology TOTACHI PREMIUM ECONOMY DIESEL effectively reduces wear of parts, operating under boundary lubrication, and contributes to extending engine durability.
- The product contains high viscosity synthetic base oils, that guarantees outstanding flow rate and pumpability, thus contributing to easy engine starts of vehicles in severe arctic conditions.
- TOTACHI PREMIUM ECONOMY DIESEL 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).
- The product contributes to long service life of emission control systems and fully meets requirements of the latest most stringent environmental standards.



MEETS SPECIFICATIONS AND REQUIREMENTS OF:

- APICJ-4/SM;
- ACEAA3/B4/E7;
- JASO DL-1.

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		0W-30	
Kinematic viscosity at:			
40 °C	cSt	60,75	ASTM 445
100 °C	cSt	11,34	ASTM 445
Flash point	°C	220	ASTM D92
Pour point	°C	-42	ASTM D97
Density at 30 °C	Kg/l	0,8500	ASTM D4052
Dynamic viscosity at -35°C, CCS	cPs	5573	ASTM D5293
Total Base Number, TBN	mgKON/g	10,76	ASTM D2896
Viscosity index		183	ASTM D2270
Color		L4,5	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.