

HEAVY DUTY Motor Oil

5W-30

PRODUCT DESCRIPTION



TOTACHI HEAVY DUTY 5W-30 is all-weather engine oil for high output four cycle diesel, including those, equipped with various systems of performance increase such as supercharging system

with intercooling, exhaust gas recirculation system (EGR) etc.

TOTACHI HEAVY DUTY 5W-30 is made using highly refined base oils with excellent stability and high viscosity index. The additive package with excellent protective performance contributes to maximizing engine durability. The product possesses excellent detergent and dispersion characteristics that support optimum engine cleanliness and helps minimize wear of loaded parts. The product effectively protects engine against varnish, burnout and low temperature deposits.

APPLICATION

- TOTACHI HEAVY DUTY 5W-30 is recommended for passenger cars as well as commercial, off road and special purpose vehicles, operating in intensive “stop-and-go” cycles, when oil does not have sufficient time to cool.

- TOTACHI HEAVY DUTY 5W-30 is perfectly suitable for mixed fleets, including vehicles with gasoline engines, which require oils with API SL/SH Service Categories.

CUSTOMER BENEFITS

- The balanced formulation of the product features excellent antioxidizing properties and stability that provide possibility to operate applications with the increased service intervals.
- Base oils in TOTACHI ECO DIESEL 5W-30 have high viscosity index and provide application in wide range of operating temperatures as well as possibility of all-weather operation of equipment in various climate conditions.
- Outstanding proven performance of the oil provide decrease of fuel consumption and offer extended durability of engine.

MEETS SPECIFICATIONS AND REQUIREMENTS OF:

- API CI-4/SL;
- ACEA A3/B4/E7;
- JASO DH-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		5W-30	
Kinematic viscosity at:			
40 °C	cSt	69,28	ASTM 445
100 °C	cSt	11,36	ASTM 445
Flash point	°C	220	ASTM D92
Pour point	°C	-39	ASTM D97
Density at 30 °C	Kg/l	0,8560	ASTM D4052
Dynamic viscosity at -20°C, CCS	cPs	6052	ASTM D5293
Total Base Number, TBN	mg KOH/g	12,65	ASTM D2896
Viscosity index		157	ASTM D2270
Color		L2,5	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.

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