

HEAVY DUTY DIESEL

20W-50

PRODUCT DESCRIPTION

All-weather thickened engine oil for four cycle heavy duty diesel engines of the long haul trucks and mobile equipment, operating in hot climate conditions or with extremely high loads. The product is made using high-quality base oils with addition of the unique additives package, providing oil stability in critical loads and high operating temperatures.

TOTACHI HEAVY DUTY DIESEL 20W-50 features excellent stability to high-speed shear and provides effective protection of engine parts even under boundary lubrication. High viscosity index guarantees the good performance of oil in extended temperature range. The product has low pour point of -33°C.

APPLICATION

- The product is recommended for use in long haul trucks and mobile equipment in severe operating conditions with very high loads, when oil has no sufficient time to cool.
- TOTACHI HEAVY DUTY DIESEL 20W-50 is engineered specially for highly loaded four cycle diesel engines with various systems of performance increase, such as Variable Valve Timing system (VVT), supercharge with intercooling, exhaust gas recirculation system (EGR) and others.
- The product is a perfect choice for engines with the high mileage, that have considerable burnout or oil losses.

TYPICAL TEST DATA

CHARACTERISTICS	UNITS	VALUES	ASTM
SAE Grade		20W-50	
Kinematic viscosity at:			
40 °C	cSt	169,2	ASTM 445
100 °C	cSt	18,56	ASTM 445
Flash point	°C	246	ASTM D92
Pour point	°C	-33	ASTM D97
Density at 30 °C	Kg/l	0,878	ASTM D4052
Total Base Number, TBN	mgKOH/g	12,79	ASTM D2896
Viscosity index		124	ASTM D2270
Color		L3,5	ASTM D1500

CUSTOMER BENEFITS

- The use of a unique additives package effectively reduces wear of critical engine parts, including operations under boundary lubrication, and helps maximize overall engine durability.
- The balanced formulation of the product features excellent stability and antioxidizing properties that allows to operate applications with extremely high loads or in hot climate conditions.
- TOTACHI HEAVY DUTY DIESEL 20W-50 provides effective performance of heavy duty diesel engines in various regions with cold or hot climate.

MEETS SPECIFICATIONS AND REQUIREMENTS OF:

- API CI-4;
- ACEA E7.

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.

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