

# FINE DIESEL

## 10W-30

### PRODUCT DESCRIPTION



FINE DIESEL 10W-30 is all-season engine oil for four cycle diesel engines, including those, equipped with various systems of performance increase such as multivalve cylinder head, exhaust gas recirculation system (EGR)

supercharging system with intercooling etc.

TOTACHI FINE DIESEL 10W-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

- FINE DIESEL 10W-30 is recommended for passenger cars as well as commercial, off road and special purpose vehicles, operating in severe “stop-and-go” cycles, when oil does not have sufficient time to cool.
- FINE DIESEL 10W-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 offers excellent antioxidizing properties and stability that provide possibility to operate applications with the increased service intervals.
- The base stocks with high viscosity index provide all-weather operation of applications in various climate conditions, including regions with low ambient temperatures.
- 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		10W-30	
Kinematic viscosity at:			
40 °C	cSt	71,59	ASTM 445
100 °C	cSt	11,05	ASTM 445
Flash point	°C	216	ASTM D92
Pour point	°C	-39	ASTM D97
Density at 30 °C	Kg/l	0,8590	ASTM D4052
Dynamic viscosity at -20°C, CCS	cPs	5954	ASTM D5293
Total Base Number, TBN	mg KOH/g	12,82	ASTM D2896
Viscosity index		145	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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