

# DENTO Heavy Duty SAE 50



## PRODUCT DESCRIPTION

Mono grade mineral engine oil, engineered for highly loaded four cycle diesel engines of various mobile and stationary applications, which require API CF/CD compliant engine oils.

DENTO Heavy Duty SAE 50 is manufactured using mineral base stocks, providing outstanding lubrication. The product offers robust protection of engine under high loads. The additive package contains effective detergents, which maintain optimal cleanliness in engine, prevent the formation of burnout in combustion chamber, as well as it prevents the formation of refuse burnout and sluggish deposits in low temperature areas. DENTO Heavy Duty SAE 50 features high Total Base Number (TBN), thus the product may be used in applications, operating on diesel fuel with high level of sulfur (up to 0.5%).

## APPLICATION

- DENTO Heavy Duty SAE 50 is specially engineered for four cycle diesel engines of various mobile and stationary applications, which require the use of API CF/CD compliant engine oils and operate in hot climate conditions with constant high loads.

## TYPICAL TEST DATA

CHARACTERISTICS	UNITS	VALUES	ASTM
SAE Grade		50	
Kinematic viscosity at: 40 °C	cSt	200,3	ASTM 445
100 °C	cSt	17,8	ASTM 445
Flash point	°C	250	ASTM D92
Pour point	°C	-9	ASTM D97
Density at 30°C	kg/l	0,892	ASTM D4052
Viscosity index		96	ASTM D2270
Color		L3,5	ASTM D1500

- DENTO Heavy Duty SAE 50 is the perfect choice for high mileage diesel engines with increased oil consumption or burnout, where API CF Service Category mineral engine oils are recommended.

## CUSTOMER BENEFITS

- The combination of outstanding lubrication characteristics of mineral base stocks and detergent inhibitors provide highly effective performance of industrial diesel engines with minimal costs.
- Mineral base oils in product formulation possess good emulsifying characteristics, thus they provide the possibility of using hydraulic systems of mobile equipment in various climate conditions, including those with increased air humidity.
- Time proven balanced formulation of oil contributes to maintaining overall durability of engine.

## MEETS SPECIFICATIONS AND REQUIREMENTS OF:

- API CF, CD

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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