

# DENTO Heavy Duty

## 15W-40 & 20W-50 CF-4

### PRODUCT DESCRIPTION

DENTO Heavy Duty CF-4 series uses proven combinations of additives that react to the varying needs of your engine. The product includes active dispersants to carry away dirt, thus keeping the engine clean. Each dedicated additive releases its protective energy when needed, to ensure reliable and consistent protection against deposits and wear and to resist thickening by heat. DENTO Heavy Duty CF-4 series is approved by leading engine makers and is suitable for most heavy-duty applications including turbo-charged engines.

### APPLICATION

- DENTO Heavy Duty CF-4 series is engineered specially for four cycle diesel engines of trucks, off road and special purpose vehicles.
- DENTO Heavy Duty CF-4 series is perfectly suitable for older models of engines, that require engine oils of API CF-4, CF and CD Service Categories.

### CUSTOMER BENEFITS

- DENTO Heavy Duty CF-4 series can deliver the user a range of benefits associated with the use of multigrade oils.
- DENTO Heavy Duty CF-4 series can be confidently used in many turbo-charged engines to provide protection and long engine life.
- DENTO Heavy Duty CF-4 series exceeds the normal standards of piston cleanliness associated with API CF-4 oils. The use of modern formulation chemistry delivers piston cleanliness that guaranteeing the user consistently high performance in a range of applications.
- Major engine manufacturer acceptance – DENTO Heavy Duty CF-4 series meets the recommendation of many major automotive engine builders in Europe and America, providing flexibility to vehicle and equipment owners.

### MEETS SPECIFICATIONS AND REQUIREMENTS OF:

- API CF-4

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	VALUES	ASTM
SAE Grade		15W-40	20W-50	
Kinematic viscosity at:				
40 °C	cSt	111.4	159.1	ASTM 445
100 °C	cSt	15.1	18.4	ASTM 445
Density at 30°C	Kg/l	0.867	0.875	ASTM D4052
Flash point	°C	230	242	ASTM D92
Pour point	°C	-33	-30	ASTM D97
Total Base Number (TBN)	mg KOH/g	9.5	9.7	ASTM D2896
Viscosity index		141	130	ASTM D2270
Color		L2.0	2.0	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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