

DENTO Hypoid 85W-140 GL-4

PRODUCT DESCRIPTION

High quality mineral gear oil for automotive applications, construction and agricultural equipment, operating in adverse conditions under high and even ultimate loads.

The product formulation is engineered specially to provide maximum protection of transmission systems of mobile applications, experiencing extremely high loads in poor service conditions.

DENTO Hypoid 85W-140 GL-4 is manufactured using specially selected Group I thickened base oils with good lubricating characteristics that is particularly essential for operations in extreme duty cycles with high temperature. Effective protection of gear teeth is provided by sulfur phosphorus EP additives, as well as by the addition of antifoam additives and corrosion inhibitors.

The product has excellent compatibility with seal and gasket materials. DENTO Hypoid 85W-140 GL-4 does not have adverse effect on non-ferrous metals, used in transmission systems (for example, synchronizers and bushings, made of copper alloys).

APPLICATION

- DENTO Hypoid 85W-140 GL-4 is engineered to provide maximum protection of gears and bearings of mechanical transmissions, transfer cases and gearboxes, drive axles and final drives, which operate under high loads at medium speeds of sliding in point of teeth contact.
- DENTO Hypoid 85W-140 GL-4 is the perfect choice for off road vehicles, operating in adverse climate conditions. Due to the fast water separation the product possesses good lubricating performance even in flooding.

CUSTOMER BENEFITS

- Increased viscosity level provides strong oil film on working surfaces of gear teeth in operations under high loads.
- DENTO Hypoid 85W-140 GL-4 contributes to extending service life of transmission systems. Highly effective Extreme Pressure additives (EP) offer reliable protection against wear and extend service life of highly loaded gear teeth and bearings.
- The product has good compatibility with similar gear oils based on sulfur-phosphorus additives.

MEETS SPECIFICATIONS AND REQUIREMENTS OF:

- API GL-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	ASTM
SAE Grade		85W-140	
Kinematic viscosity at: 40 °C	cSt	468,9	ASTM D445
100 °C	cSt	31,49	ASTM D445
Viscosity index		98	ASTM D2270
Density at 30 °C	kg/l	0,895	ASTM D4052
Flash point	°C	250	ASTM D92
Pour point	°C	- 15	ASTM D97
Color		L4,0	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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