

DENTO Hypoid 80W-90 GL-4

PRODUCT DESCRIPTION

DENTO Hypoid 80W-90 GL-4 is a multigrade mineral product for automotive applications, construction and agricultural equipment, operating in standard conditions under medium or high loads.

The oil formulation is specially designed to provide effective protection of transmission systems, experiencing high loads in various climate conditions. DENTO Hypoid 80W-90 GL-4 is manufactured using specially selected Group I base oils with good lubricating characteristics. 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 80W-90 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 80W-90 GL-4 is designed for effective protection of gears and bearings, mechanical transmissions (including synchronized transmission), transfer cases and gearboxes, drive axles with differentials, which operate under high loads at medium speeds of sliding in point of teeth contact.
- DENTO Hypoid 80W-90 GL-4 is the perfect choice for off road vehicles, operating in harsh climate. Due to the fast water separation, the product possesses good lubricating performance even in flooding.

CUSTOMER BENEFITS

- Universal viscosity characteristics allow to operate applications in various climate conditions under medium and high loads.
- DENTO Hypoid 80W-90 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		80W-90	
Kinematic viscosity at: 40 °C	cSt	182,2	ASTM D445
100 °C	cSt	17,7	ASTM D445
Viscosity index		106	ASTM D2270
Density at 30 °C	kg/l	0,888	ASTM D4052
Flash point	°C	246	ASTM D92
Pour point	°C	- 18	ASTM D97
Color		L3,0	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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