

NISOTEC HIPO GL-4 SAE 80W-90



Manual gearboxes



Older types of gearboxes



Anti-wear characteristics



Anticorrosive properties



Mineral



EP properties

NISOTEC HIPO GL-4 SAE 80W-90 is a multigrade mineral oil, intended for lubrication of manual gearboxes, various types of less loaded gear transmissions and reducers installed in transmissions of motor vehicles and various types of machinery. It is formulated to provide a high level of gear protection, thanks to its good load bearing properties, anti-wear and anti-corrosion properties.

Applications:



- Manual gearboxes, various types of less loaded gear transmissions of motor vehicles and various types of machinery, which require oil API GL-4 quality level
- Reducers on motor vehicles and different types of machinery
- Other automotive applications for easier working conditions of gear pairs operating under conditions of moderate pressures and loads

Characteristics	Advantages
Good load bearing capacity	Reduces the wear of gear teeth and bearings, thus extending the working life of the equipment
Low tendency towards foaming	A permanent, constant, oil film provides protection against wear in all working conditions
Excellent thermal and oxidation stability	It provides excellent resistance to oil aging and thus enables a longer replacement interval
Excellent anti-corrosion properties	Excellent protection against corrosion of all non-ferrous metals in the system
Good compatibility with sealing materials	No leaks and reduced oil consumption help reduce maintenance costs and extend change intervals

Specification:

- API GL-4
- ZF TE-ML 08

Typical characteristics

Characteristics	Method	NISOTEC HIPO GL-4 SAE 80W-90
SAE Viscosity grade	SAE J300	80W-90
Kinematic viscosity at 100°C, mm ² /s	ISO 3104	14,90
Viscosity Index	ISO 2909	95
Cu strip corrosion, 3h, 100°C	EN ISO 2160	1b
Pour Point, °C	ISO 3016	-27
Flash Point (COC), °C	EN ISO 2592	220
Density at 15°C, kg/m ³	EN ISO 3675	894

Health, Safety and Environment

Information on the safe handling, storage and disposal of the product, as well as information on precautionary measures and potential hazards, effects on human health and the environment can be found in the Product Safety Data Sheet (SDS). Store the product in its original packaging protected from atmospheric influences. Shelf life 5 years from the date of manufacture.

Available packaging



1L

10L

20L

205L

1000L