

NISOTEC HIPO EP SAE 80W-90



Differentials



Drive shafts



EP properties



Anticorrosive properties



Mineral



Anti-wear characteristics

NISOTEC HIPO EP SAE 80W-90 is a multi-grade mineral oil, with excellent load-bearing properties (EP), intended for the lubrication of differentials, gear transmissions of drive axles and final drives 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 excellent load-bearing, anti-wear and anti-corrosion characteristics.

Applications:



- Differentials and heavily loaded drive shafts of motor vehicles and various types of machinery, which require API GL-5 quality oil
- Final drives on motor vehicles and machinery with various types of gears: flat, hypoid...
- Other heavy-duty automotive applications of gear pairs operating under conditions of extreme pressures and shock loads

Characteristics	Advantages
High 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-5;
- ZF TE-ML 04G/07A/08;
- MIL-L-2105D

Typical characteristics

Characteristics	Method	NISOTEC HIPO EP SAE 80W-90
SAE Viscosity grade	SAE J300	80W-90
Kinematic viscosity at 100°C, mm ² /s	ISO 3104	15,80
Viscosity Index	ISO 2909	97
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