

OILS FOR GEARBOXES AND DIFFERENTIALS



NISOTEC HIPO EP SAE 90



Differentials



Drive shafts



EP properties



Anticorrosive properties



eral



Anti-wear characteristics

NISOTEC HIPO EP SAE 90 is a monograde 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 properties.

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

Specification:

- API GL-5;
- ZF TE-ML 07A/08;
- MIL-L-2105D

✓ ISO 9001

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ISO 14001 🗸 ISO 45001

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ISO 50001

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Typical characteristics

Characteristics	Method	NISOTEC HIPO EP SAE 90
SAE Viscosity grade	SAE J300	90
Kinematic viscosity at 100°C, mm ² /s	ISO 3104	17,5
Viscosity Index	ISO 2909	93
Cu strip corrosion, 3h, 100°C	EN ISO 2160	1b
Pour Point, °C	ISO 3016	-24
Flash Point (COC), °C	EN ISO 2592	225
Density at 15°C, kg/m ³	EN ISO 3675	896

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



✓ ISO 9001

ISO 14001 🗸 IS

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ISO 45001

ISO 50001

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