



NISOTEC HIPO GL-4 SAE 80W-90

Description

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.

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 oil resistance to 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.

Application

- 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.

Physico-chemical characteristics

Indicator	Method	NISOTEC HIPO GL-4 SAE 80W-90
SAE viscosity class	SAE J300	80W-90
Kinematic Viscosity at 100 °C, mm ² /s	ISO 3104	14.90
Viscosity Index	ISO 2909	95
Corrosion of the copper 3 hours at 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

Specifications

- SAE 80W-90
- API GL-4
- ZF TE-ML 08

The company's management system is certified in accordance with international standards

ISO 9001



ISO 14001



ISO/TS 16949



OHSAS 18001



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The above data are typical for the current production. Due to continuous research and development, the information provided in the document may be changed.
Information on the safe use of the product is contained in the Safety Data Sheet. You can get more detailed information from the technical specialists of the company.
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