



NISOTEC REDOL 1000



Industrial gears



Extreme presure



Resistance to oil oxidation



Demulsibility property

Mineral



Excellent oil film strength

NISOTEC REDOL 1000 is a high-quality mineral oil, with superior load bearing properties (EP), intended for the lubrication of closed industrial gear transmissions/reductors. It provides maximum protection against wear and corrosion and has excellent compatibility with sealing materials. They can be used in circulating, splash or oil mist lubrication systems. It is formulated to provide high quality industrial gear protection, meeting the latest industry standards and with great versatility for lubricating a wide range of industrial equipment.

Applications:



- Industrial reductors for conveyors, mixers, dryers, extruders, fans, mixers, presses, pulpers, pumps (including oil well pumps), mills, and other applications where heavy loads are present industrial reductors of various types of gases; flat, believel.
- Industrial reductors of various types of gears: flat, helical...
- A variety of gearless industrial systems including shaft couplings, shafts and heavy-duty plain bearings operating at low speeds

Characteristics	Advantages	
High load bearing	Reduces the wear of gear teeth and bearings, thus extending the	
capacity	working life of the equipment	
Excellent ability to	Easy separation of any water that may be present, thus protecting the	
water extraction	system from the consequences of poor lubrication	
Low foaming tendency	A permanent, constant, oil film provides protection against wear in all	
	working conditions	
Excellent thermal and	Provides excellent resistance to oil aging and thus allows for a longer	
oxidation stability	change interval	
Excellent compatibility	Excellent protection against corrosion of all non-ferrous metals in the system	
with non-ferrous		
metals	oyotom	
Good compatibility with	No leaks and reduced oil consumption help reduce maintenance	
sealing materials	costs and extend equipment reliability	

✓ ISO 9001

✓ ISO 14001

l ✓ ISO 45001

L 🗸

✓ CERTIFIED

NIS AD Novi Sad Narodnog fronta 12 21000 Novi Sad, Srbija Tel: +381 08 0000 8888 The information and data provided here are for informational purposes and are typical of current production and are in accordance with specifications. NIS a.d. assumes no responsibility for any damage or loss arising from the use of the product for purposes other than those intended, any noncompliance with recommendations or hazards inherent in the nature of the material. If you need additional information, contact your contact at NIS a.d. or visit the website www.nisotec.eu. Technical support <u>nis.maziva@nis.rs</u> 07/2024

ISO 50001





Specification:

- DIN 51517-3 (CLP);
- ISO 6743-6 (L-CKC/CKD);
- ISO 12925-1 (L-CKC/CKD);
- AGMA 9005-F16 AS;

- AIST (US Steel) 224;
- CINCINNATI MACHINE EP gear oil P-78;
- DAVID BROWN S1.53.101 (E)

Typical characteristics

Characteristics	Method	NISOTEC REDOL 1000
ISO grade		1000
Kinematic viscosity at 40°C, mm ² /s	ISO 3104	1000
Viscosity Index	ISO 2909	88
Cu strip corrosion, 3h, 100°C	EN ISO 2160	1b
Pour Point, °C	ISO 3016	-9
Flash Point (COC), °C	EN ISO 2592	260
Density at 15°C, kg/m ³	EN ISO 3675	906

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

 \checkmark

ISO 14001 🗸 ISO 45

ISO 45001

✓ CERTIFIED

NIS AD Novi Sad Narodnog fronta 12 21000 Novi Sad, Srbija Tel: +381 08 0000 8888 The information and data provided here are for informational purposes and are typical of current production and are in accordance with specifications. NIS a.d. assumes no responsibility for any damage or loss arising from the use of the product for purposes other than those intended, any non-compliance with recommendations or hazards inherent in the nature of the material. If you need additional information, contact your contact at NIS a.d. or visit the website www.nisotec.eu. Technical support <u>nis.maziva@nis.rs</u> 07/2024

1

ISO 50001