



NISOTEC REDOL 320



Industrial gears



Extreme presure



Resistance to oil oxidation



Demulsibility property





Excellent oil film strength

NISOTEC REDOL 320 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, balical
- 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

✓ ISO 45001

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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-59;
- DANIELI
- DAVID BROWN S1.53.101 (E)

Typical characteristics

Characteristics	Method	NISOTEC REDOL 320
ISO grade		320
Kinematic viscosity at 40°C, mm ² /s	ISO 3104	320
Viscosity Index	ISO 2909	91
Cu strip corrosion, 3h, 100°C	EN ISO 2160	1b
Pour Point, °C	ISO 3016	-12
Flash Point (COC), °C	EN ISO 2592	245
Density at 15°C, kg/m ³	EN ISO 3675	900

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

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ISO 14001 ✓ ISO 450

ISO 45001

ISO 50001 🗸

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