



NISOTEC REDOL 68



Industrial gears



Extreme presure



Resistance to oil oxidation



Demulsibility property

Mineral



Excellent oil film strength

NISOTEC REDOL 68 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

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✓ CERTIFIED

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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-63;
- DAVID BROWN S1.53.101 (E)

Typical characteristics

| Characteristics | Method | NISOTEC REDOL 68 |
|---|-------------|------------------|
| ISO grade | | 68 |
| Kinematic viscosity at 40°C, mm ² /s | ISO 3104 | 68 |
| Viscosity Index | ISO 2909 | 98 |
| Cu strip corrosion, 3h, 100°C | EN ISO 2160 | 1b |
| Pour Point, °C | ISO 3016 | -27 |
| Flash Point (COC), °C | EN ISO 2592 | 215 |
| Density at 15°C, kg/m ³ | EN ISO 3675 | 882 |

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



 \checkmark **ISO 9001** \checkmark

ISO 14001 1 **ISO 45001**

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