

Lubricants for industry.

Circulating R&O 100



High-quality, universal use lubricant for industrial circulation and bearing systems, type "R&O" (protection against rust and oxidation).

Use

- Product formulated with specially selected paraffinic base oils and additivation to provide the product with the properties required for its multiple applications.
- Suitable for use in all types of circulation lubrication systems without major requirements, as well as in reducers, speed variators (that do not require a specific oil), and bearings under normal load and temperature conditions, and in reciprocating compressors under normal operating conditions (non-severe).
- Also suitable for steam, hydraulic and gas turbines operating at low temperatures and in hydraulic circuits where special anti-wear properties are not required.

Benefits

- Due to its anti-rust and anti-corrosion qualities, it has a wide range of applications, reducing the stock of oil in the plant.
- It has adequate resistance to oxidation, and thermal and chemical stability.
- It avoids premature deterioration of gaskets and elastomers.
- Fluidity and high lubricity in boundary lubrication conditions.
- Good demulsibility (water separation) and resistance to foaming.
- Long service life with resulting savings in component lubrication.

Specifications

- DIN 51524 Part 1 (HL)
- DIN 51515 Part 1 (L-TD)
- DIN 51517 (CL)
- ISO 6743-2 FC

Physical and chemical properties

| Parameter | Units | Method | Circulating R&O 100 |
|---------------------------|-------|-------------|---------------------|
| ISO Grade | - | - | 100 |
| Density at 15 °C | Kg/l | ASTM D-4052 | 0.889 |
| Flash Point, COC | °C | ASTM D-92 | 264 |
| Pour Point | °C | ASTM D-5950 | -18 |
| Viscosity at 40°C | cSt | ASTM D-445 | 95 |
| Viscosity at 100°C | cSt | ASTM D-445 | 10.9 |
| Viscosity index | - | ASTM D-2270 | 98 |
| Rust prevention (Proc. A) | - | ASTM D-665 | Pass |

Health & safety and environment

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.