Lubricants for industry.

Circulating R&O

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 indicated 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.
- Range with a wide range of operating temperatures.

Specifications

- DIN 51524 Part 1 (HL)
- DIN 51517 (CL)
- ISO 6743-4 HL
- ISO 6743-2 FC

Physical and chemical properties

Parameter	Units	Method	Circulating R&O			
ISO Grade	-	-	**150**	**220**	**320**	**460**
Density at 15 °C	Kg/l	ASTM D-4052	0.895	0.898	0.902	0.907
COC flash point, min	°C	ASTM D-92	210	220	230	240
Pour Point, max	°C	ASTM D-5950	-9	-6	-6	-6
Viscosity at 40°C	cSt	ASTM D-445	145.6	221.4	317.1	449.2
Viscosity at 100°C	cSt	ASTM D-445	14.4	18.9	24.0	29.8
Viscosity index	-	ASTM D-2270	97	96	96	95

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.