Rev. 2/2024

R&O Turbine, Circulating & Compressor Oils

Description

R & O Turbine, Circulating and Compressor Oils are premium industrial grade rust and oxidation lubricants designed for use in many applications including turbines, circulating systems, air compressors, gear heads, electric motors, and hydraulic systems. These oils are recommended for applications that require clean, dependable lubrication for extended service periods – often for years.

R & O Turbine, Circulating and Compressor Oils effectively resist high temperatures, prevent rust, and shed entrained water and air. These fluids provide outstanding performance in low pressure hydraulic systems, circulating lubrication systems, gear cases, bearings, and other industrial units for which long, trouble-free service is required.

R & O Turbine, Circulating and Compressor Oils at ISO grades 22, 32, 46, 68, and 100 use Group II base stocks that typically increases the D 943 oxidation performance to exceed 5,000 hours. This takes equipment performance to higher levels.

R & O Turbine, Circulating and Compressor Oils are formulated to meet or exceed the requirements for industrial applications.

Features/Benefits

- **Excellent Oxidative Stability**
- **Superior Rust Protection**
- **Low Pour Point**
- **Excellent Hydrolytic and Thermal Stability**
- **Low Foam Tendency**
- **Excellent Demulsibility**
- **Low Copper Activity**

Meets or Exceeds the Requirements of:

- Denison HF-1
- DIN 51524, Part 1
- MIL-H-17672C
- Cincinnati Milacron P-38, P-54, P-55, P-57
- U.S. Steel 126
- AFNOR E-48600 HL

Typical Properties							
Properties	**22**	**32**	**46**	**68**	**100**	**150**	**220**
Product Number	175	176	177	178	181	183	184
ISO Grade	22	32	46	68	100	150	220
API Gravity @ 60°F	32.8	31.5	30.4	29.4	28.7	28.2	27.9
Viscosity @ 40°C, cSt	22	32	46	68	100	150	220
Viscosity @ 100°C, cSt	4.3	5.3	6.7	8.6	11.3	14.9	18.9
Viscosity Index, typ	95	95	95	95	95	95	95
Viscosity @ 212°F, SUS (ref)	106	150	214	315	465	695	1020
Oxidation Stability, hours (D943)	5000+	5000+	5000+	5000+	5000+	3000+	3000+
Pour Point °F, typ	-25	-20	-15	-10	10	15	20
Neutralization No. (D974)	0.07	0.07	0.07	0.07	0.07	0.07	0.07

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