



R & O Turbine Oils

Description:

R & O Turbine Oils are designed for use in many industrial applications including turbine or circulating systems, air compressors, gear heads, electric motors, and hydraulic systems. These oils are the primary recommendation for applications that require clean, dependable lubrication for extended service periods - often for years. They effectively resist high temperatures, prevent rust, and shed entrained water and air. R & O Turbine Oils give outstanding performance in hydraulic systems, circulating lubrication systems, gear cases, bearings, and other industrial units for which long trouble-free service is required.

Benefits:

Excellent Oxidative Stability
 Excellent Rust Protection
 Low Pour Point
 Good Hydrolytic Stability

Excellent Demulsibility
 Excellent Thermal Stability
 Low Foam Tendency
 Low Copper Activity

Typical Physical Properties:

Product	#22	#32	#46	#68	#100	#150	#220
Product Code	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 @ 104°F, SUS (Ref)	106	150	214	315	465	695	1020
Pour Point°F, typ	-25	-20	-15	-10	10	15	20
Newt No. (D-974)	.07	0.07	0.07	0.07	0.07	0.07	0.07

Performance Characteristics:

U.S. R&O Turbine Oils have ASTM D943 Oxidation Stability lives of up to 3000 hours and meet or exceed the following requirements for industrial hydraulic fluids: Denison HF-1; DIN 51524, Part 1; MIL-H-17672D; Cincinnati Milacron P-38, P-45, P-54, P-55, P-62; U.S. Steel 126; AFNOR E-48600 HH/HL.