

Turbine R&O Oils

ISO VG 32, 46, 68, 100, 150 & 220

DESCRIPTION

Nemco Turbine R&O Oil is a high-quality lubricant designed for use in steam and gas turbines, and for circulating oil systems of a wide range of industrial machinery. They are blended with premium quality mineral base oils and a multifunctional Rust and Oxidation (R&O) additive package which contains metal passivators for compound stability and longer fluid life. Nemco Turbine R&O Oils are developed to handle stationary steam and hydraulic turbines and turbine reduction gears. Nemco Turbine R&O Oils are recommended for lower pressure hydraulic systems where the pump manufacturer requires mineral type oil that does not contain anti-wear additives, such as those containing silver plated components.

Features & Benefits

- Outstanding thermal and oxidative stability
- Lower copper activity
- Excellent rust protection
- Good hydrolytic stability

Meets and/or exceeds

- Parker Hannifin France HF-1
- DIN 51524 Part 1
- MIL-H-17672D
- Cincinnati Machine P-38, P-45, P-54, P-55, P-57, P-62
- U.S. Steel 126
- AFNOR E46-800 HL

Notes

Nemco Turbine R&O Oils do not contain anti-wear additives and are not suitable for use in applications where AW hydraulic oils are recommended.

Typical Characteristics – Turbine R & O Oils

| ISO Viscosity Grade | 32 | 46 | 68 | 100 | 150 | 220 |
|------------------------|------|------|------|-------|-------|-------|
| Viscosity | | | | | | |
| cSt at 40°C | 32.0 | 46.0 | 67.9 | 99.6 | 149.8 | 222.1 |
| cSt at 100°C | 5.56 | 6.95 | 8.93 | 11.43 | 14.87 | 19.48 |
| Viscosity index D2270 | 112 | 107 | 105 | 103 | 102 | 102 |
| Rust preventative test | Pass | Pass | Pass | Pass | Pass | Pass |

Physical characteristics shown in the table are typical and may vary slightly.