

PREMIUM (R&O) TURBINE OILS

ISO GRADES 32, 46, 68, 100

Typical Properties

| ISO Grade | 22 | 32 | 46 | 68 |
|----------------------------|-------|-------|-------|-------|
| Viscosity, cSt | | | | |
| At 40 C | 21.8 | 30.2 | 44.2 | 66.2 |
| At 100 C | 4.5 | 5.2 | 6.6 | 8.5 |
| Viscosity Index | 98 | 98 | 95 | 94 |
| Flash Point, (COC) Deg F | 380 | 390 | 415 | 445 |
| Pour Point, Deg F | -42 | -40 | -31 | -22 |
| Turbine Oil Stab. ASTM 943 | 6000 | 6000 | 6000 | 6000 |
| Neut. No., TBN-C, ASTM 974 | <0.11 | <0.11 | <0.11 | <0.11 |
| Gravity, API @ 60 F | 31.0 | 30.5 | 29.7 | 29.0 |

The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.

These premium R & O (rust and oxidation inhibited) oils are zinc free, formulated from HVI paraffinic base stock with selected additives to meet lubrication requirements of various turbine systems, hydraulic applications, and air compressors. The products are very oxidation stable and provide excellent anti-foam and air release characteristics.

APPLICATIONS

These oils are recommended to meet the requirements of steam turbines, land-based gas turbines, and hydraulic systems where anti-wear characteristics are not a requisite. Other uses include heat transfer systems, gear cases, friction clutches, and other similar industrial applications for long trouble-free service. Premium (R&O) Turbine Oils have excellent thermal and oxidation stability and rust-prevention, anti-foam, and water separation properties.