



Relyant[®]

PREMIUM (R&O) TURBINE OILS ISO GRADES 32, 46, 68, 100

Typical Properties

ISO Grade	32	46	68	100
Viscosity, cSt				
At 40 C	30.2	44.2	66.2	93.8
At 100 C	5.2	6.6	8.5	10.6
Viscosity Index	98	95	94	94
Flash Point, (COC) Deg F	390	415	445	450
Pour Point, Deg F	-40	-31	-22	-10
Turbine Oil Stab. ASTM 943	+4000	+4000	+4000	+4000
Neut. No., TBN-C, ASTM 974	< 0.11	< 0.11	< 0.11	< 0.12
Gravity, API @ 60 F	30.5	29.7	29.0	28.8

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.