PREMIUM (R&O) TURBINE OILS

ISO Grades 100, 150, 220, 320

Product Description

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

Formulated to meet typical turbine oils properties and utilization where a high viscosity grade oil is necessary, i.e. gear cases, special bearing systems. These high viscosity premium turbine oils have excellent thermal/oxidation stability and anti-foam properties. These features together with excellent demulsibility and rust protection characteristics make them particularly well suited for multi-purpose industrial applications where higher ISO (grades) viscosities are required. Other applications include machine tools, speed reducers, roller chains, cone drives, helical gear reducers, large motor bearings, plain bearings, slow speed ball and roller bearings and crushers.

Typical Properties

Property	ISO 100	ISO 150	ISO 220	ISO 320
Viscosity, cSt @ 40°C	93.8	148	210	304
Viscosity, cSt @ 100°C	10.6	14	18	22.5
Viscosity Index	94	91	91	91
Flash Point, COC (°F)	450	465	475	485
Pour Point (°F)	+10	+15	+15	+15
Turbine Oil Stability, ASTM D-943	6000	3000	2500	2500
Neutralization No., TBN-C, ASTM 974	<0.12	<0.11	<0.11	<0.11
Gravity, API @ 60°F	28.8	28.0	27.0	26.5

*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.