

PREMIUM (R&O) "HC" TURBINE OILS

ISO Grades 32, 46, 68, 100

Product Description

These premium R & O (rust and oxidation inhibited) HC Turbine oils are zinc free, formulated with HVI paraffinic hydro-processed base stock and selected additives to meet lubrication requirements of various turbine systems, hydraulic applications, and air compressors. The products are characterized by outstanding oxidation stability 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) "HC" Turbine Oils have excellent thermal/oxidation stability, rust-prevention, anti-foam, and water separation properties.

Typical Properties

Property	ISO 32	ISO 46	ISO 68	ISO 100
Appearance	Clear/Bright	Clear/Bright	Clear/Bright	Clear/Bright
Color, ASTM D-1500	<0.5	<0.5	<0.5	<0.5
Viscosity, cSt @ 40°C	32.0	46.0	68.0	100.0
Viscosity, cSt @ 100°C	5.3	6.8	8.4	10.7
Viscosity Index	102	102	101	101
Flash Point, COC (°F)	390	415	445	480
Pour Point (°F)	-25	-15	0	10
Aniline Point (°F)	223	238	245	256
Turbine Oil Stability, ASTM D-943	8500	8500	8500	8500
Neutralization No., TBN-C, ASTM D-974	<0.11	<0.11	<0.11	<0.12
Sulfur, ppm	<10	<10	<10	<10
Dielectric Properties, ASTM D-877	35K	35K	-	-
Gravity, API @ 60°F	32.0	31.5	31.0	30.6

*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.