



Industrial Oils

hyrax® Tundra EP



Description

Hyrax Tundra EP is a premium quality extended service life anti-wear turbine oil specially made of highly refined base stocks and high performance additive system for the severe lubrication of steam, hydroelectric and frame type gas turbines. It is specially formulated to provide excellent viscosity / temperature characteristics, rapid air release and good water separation capability, excellent oxidation stability and excellent rust and corrosion resistance.

Applications

Hyrax Tundra EP is highly recommended for the lubrication of all parts such as bearings, gears, and control systems of various types of turbines such as steam turbines, hydroelectric turbines, and frame type gas turbines requiring anti-wear or non-antiwear type turbine oils. Also suitable for use in speed reducers, air compressors, vacuum and deep well pump, electric motors, lightly loaded plain bearings and other equipment requiring turbine oil quality.

Benefits

- Excellent anti-wear properties
- Superior oil-water separation capability to minimized purification and disposal cost
- Good anti-foam and rapid air release for excellent full fluid lubrication in high speed bearings and gears
- An excellent oxidation and thermal resistance for deposit free extended drain capability
- Good protection against corrosion
- High viscosity index

Typical Characteristics

Properties	Method	ISO VG 32	ISO VG 46	ISO VG 68	VG 80*	ISO VG 100
Density at 15°C, Kg/L	ASTM D4052	0.852	0.854	0.864	0.875	0.890
Flash Point, °C	ASTM D92	>190	>210	>210	>210	>210
Pour Point, °C	ASTM D97	-21	-18	-18	-18	-18
Viscosity at 40°C, cSt	ASTM D445	32.0	46.0	68.0	80.0	100.0
Viscosity at 100°C, cSt	ASTM D445	5.8	7.4	9.4	10.4	11.6
Viscosity Index	ASTM D2270	125	124	116	113	104

(*) Not an ISO VG Grade Number

Performance

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|---|-------------------------|------------------------------------|
| ● British Standard BS 489 | ● ISO 11158 HH / HL | ● General Electric GEK-32568H |
| ● ASTM D4304 Type I / II / III | ● Fives Cincinnati P-38 | ● Siemens AG TLV 9013 04 / 05 |
| ● DIN 51515 Part 1 (L-TD) / Part 2 (L-TG) | ● DIN 51524 Part 1 (HL) | ● ISO 8068 L-TSA / L-TGA / TGE TSE |



Excellent anti-wear properties



Superior oil-water separation capability to minimized purification and disposal cost



Excellent oxidation and thermal resistance



Good anti-rust and corrosion properties