



Industrial Oils

hyrax® Tundra HT



Premium quality extended service life zinc-free oil



Good anti-foam and rapid air release for excellent full fluid lubrication



Excellent oxidation and thermal resistance



Good anti-rust and corrosion properties

Description

Hyrax Tundra HT is a premium quality extended service life zinc-free turbine oil made of highly refined base stocks and specially selected ashless additive system for the 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 HT is highly recommended for the lubrication of various types of turbines such as steam-turbines, hydroelectric turbines and frame type gas turbines requiring non-antiwear type turbine oils. It is 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

- Very good demulsibility to minimized purification and disposal cost
- Good anti-foam and rapid air release for excellent full fluid lubrication in high speed bearings
- An excellent oxidation and thermal resistance for deposit free extended drain capability
- Good protection against corrosion
- Good viscosity index
- Excellent filterability

Typical Characteristics

Properties	Method	ISO VG 32	ISO VG 46	ISO VG 68	VG 80*
Density at 15°C, Kg/L	ASTM D4052	0.853	0.856	0.863	0.874
Flash Point, °C	ASTM D92	>190	>210	>210	>210
Pour Point, °C	ASTM D97	-21	-18	-18	-18
Viscosity at 40°C, cSt	ASTM D445	32.0	46.0	68.0	80.0
Viscosity at 100°C, cSt	ASTM D445	5.8	7.4	9.4	10.4
Viscosity Index	ASTM D2270	125	124	116	113
Acid Number, mgKOH/g	ASTM D974	0.05	0.05	0.05	0.05

(*) Not an ISO VG Grade Number

Performance

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