

TURBINE POWER 32

Turbine Oil

TURBINE POWER 32 is a supreme performance turbine oil specially designed for use in geared and non-geared steam turbines, gas turbines and combined cycle gas turbines (CCGT) including the gas turbines operating at high temperatures.

TURBINE POWER 32 is based on high quality base oil in combination with an unique additive package to ensure the following properties.

- Outstanding thermal and oxidation stability.
- Prevents sludge formation, controls deposits and minimizes oil degradation.
- Superior anti-wear property and load carrying capability provide excellent protection for geared turbines
- Excellent water separation capability resists formation of emulsion and leads to easy removal of excess water from the lubrication system
- Effective rust and corrosion inhibitors provide long term protection to critical system components
- Good air release properties and foam control.

TURBINE POWER 32 exceeds the following performance criteria:

ASTM D4304 Type II	DIN 51515 TD/TG	ISO 8086 TSE/TGE/TSA/TGA
32568E/32568F/46506D/28143A/107395A/101941A		Siemens TLV 9013 04
Solar ES 9-224, Class II	ALSTOM HTGD 90117W	ALSTOM HTGD 90117 GEK

Typical Analysis

Properties	Unit	Method	Typical Value
Density @15°C	kg/m ³	D4052	856
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	32
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	5.6
Viscosity Index		D2270	112
Flash Point COC	°C	D92	>204
Pour Point	°C	ASTM D7346	-30
Total Acid Number	mgKOH/g	D664	0.1
Copper Corrosion		D130	1b
Air Release Value @50°C	Minutes	D3427	Pass
Water separability @54°C		D1401	Pass
FZG, Fail Load Stage		DIN 51534-2	10
Oil Stability Test (TOST)	Hrs	D943	>10.000
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