

NORDIC TURBINE OIL VG 32

High performance turbine oil ISO VG 32

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

NORDIC TURBINE OIL VG 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.
- 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.

NORDIC TURBINE OIL VG 32 exceeds the following performance criteria:

ASTM D4304 Type I
ALSTOM HTGD 90117 Z

DIN 51515-1 (TD)
GEK
107395A/27070/28143A/32568J/46506E

DIN 51515-2 (TG)

Solar ES 9-224
GB 11120-2011 L-TGA
BS 489:1999

Siemens TLV 9013 05 (EP)
ISO 8068:2006(E) L-TSA

GB 11120-2011 L-TSA
ISO 8068:2006(E) L-TGA

Typical Analysis

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	32
Density @15°C	kg/m ³	D4052	859
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	32.5
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	5.6
Viscosity Index		D2270	111
Flash Point COC	°C	D92	>201
Pour Point	°C	D97	-30
Total Acid Number	mgKOH/g	D664	0.2
Copper Corrosion		D130	1b
Air Release Value @50°C	Minutes	D3427	<4:00
Water separability @54°C		D1401	Pass
Oil Stability Test (TOST)	Hrs	D943	>10.000

Date Issued: 06-05-2021	Supersedes:	Revision Nr.: 1
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