

## Gazpromneft Turbine Oil 32

Industrial Steam & Gas Turbine Oil



Steam and gas turbines



High oxidation stability



Mineral



Excellent demulsibility



Foaming control

**Gazpromneft Turbine Oil 32** is high quality turbine oil designed for use in steam turbines, light duty stationary gas turbines and combined cycle gas turbine units. Gazpromneft Turbine Oil 32 is formulated with selected base stocks and highly effective additives to provide good oxidation stability, rust protection and excellent air release, low foaming tendencies and rapid air separation. Gazpromneft Turbine Oil 32 provides a versatile lubricant source for a wide range of industrial equipment.

### Applications

- Industrial steam and light duty gas turbines which is not requiring improved anti-wear properties for the gearboxes
- Gas turbine combined cycle power plants operating in base load or peak generation modes
- Hydroelectric turbine applications

Features	Advantages and Potential Benefits
Improved oxidation stability	Helps control deposit formation for reduced filter plugging and equipment fouling to decrease downtime and maintenance costs
Excellent demulsibility	Improves water removal system efficiency and minimizes oil replacement costs
Rapid air release and resistance to foaming	Prevents erratic work and cavitation for increased efficiency
Improved rust and corrosion protection	Prevents corrosion of system components for reduced maintenance and prolonged equipment life
Ashless additive package	Reduced wear for systems using various metallurgy for excellent performance of components. Reduced environmental impact

#### Meets the requirements:

- ASTM D4304-00 Type I (non EP)
- DIN 51515 Part 1/Part 2
- General Electric GEK 28143A
- General Electric GEK 46506D
- ISO 8068 L-TSA & L-TGA
- JIS K 2213:1983 type 2
- Solar ES9-224W

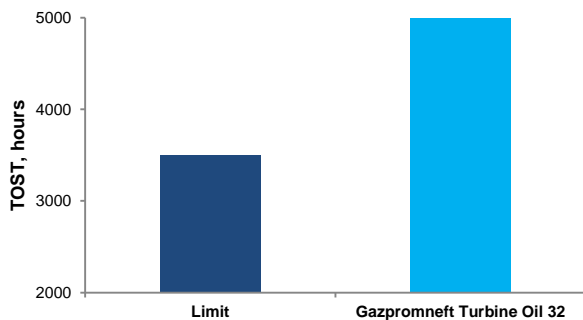
#### Approvals:

- Alstom HTGD 90117
- Siemens TLV901304
- Siemens TLV901305

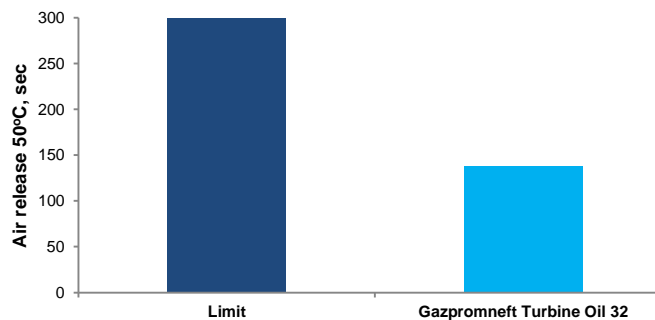
## Typical Characteristics

Properties	Method	Gazpromneft Turbine Oil 32
ISO Viscosity Grade		32
Kinematic Viscosity @40°C, mm <sup>2</sup> /s	ASTM D445	32,8
Kinematic Viscosity @100°C, mm <sup>2</sup> /s	ASTM D445	5,4
Viscosity Index	ASTM D2270	96
Flash Point (COC), °C	ASTM D92	225
Pour Point, °C	ASTM D97	-17
Density @15°C, kg/m <sup>3</sup>	ASTM D4052	874
Total Acid Number, mg KOH/g	ASTM D664	0,07
Copper Strip Corrosion, 3 hrs @ 100°C	ASTM D130	1B

Excellent oxidation stability\*



Rapid air release\*\*



\*ASTM D 943; \*\*ASTM D 3427

## Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.