

Gazpromneft Turbine Oil F Synth - 32, 46

Industrial Steam & Gas Turbine Oil



Steam and gas turbines



High oxidation stability



Synthetic



Excellent demulsibility



Antifoam properties



Long drain capability

Gazpromneft Turbine Oil F Synth oils are high performance synthetic turbine oils designed for use in steam turbines, heavy duty stationary gas turbines and combined cycle gas turbine units. Gazpromneft Turbine Oil F Synth is formulated with advanced additive system that increases the benefits of synthetic oils to provide outstanding oil life and deposit control, thermal and chemical resistance, as well as balanced performance across a wider range of operating temperatures compared to conventional mineral oil technology. Gazpromneft Turbine Oil F Synth oils provide a versatile lubricant source for a wide range of industrial equipment. Suitable for heavy duty turbine systems according to DIN 51515 Part 2.

Applications

- Industrial steam and heavy duty gas turbines which are not requiring enhanced anti-wear properties for the highly loaded gearboxes
- Gas turbine combined cycle power plants
- Hydroelectric turbine applications
- Lubrication of turbo compressors

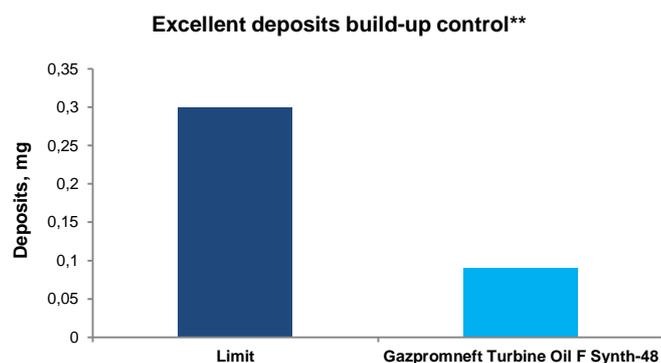
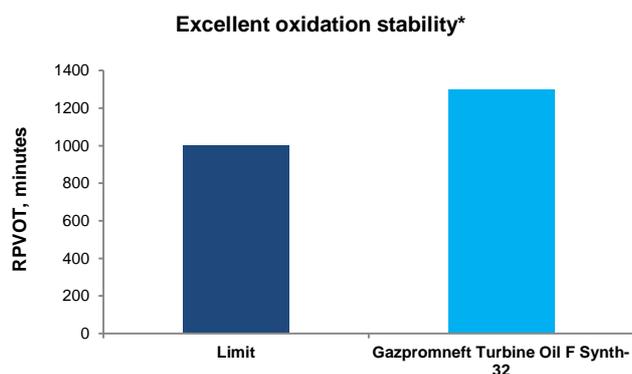
Features	Advantages and Potential Benefits
Outstanding high thermal/oxidative stability	Extended service life and reduced maintenance costs
Deposit control	Less deposit formation and improved reliability for reduced downtime and lower maintenance costs
Excellent demulsibility	Improves water removal system 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
Naturally high Viscosity Index	Improved equipment protection at high temperatures

Meets the requirements:

- DIN 51515 Part 2
- General Electric GEK 107395A (ISO VG 32)
- General Electric GEK 32568H (ISO VG 32)
- Siemens TLV 9013 05

Typical Characteristics

Properties	Method	Gazpromneft Turbine Oil F Synth - 32	Gazpromneft Turbine Oil F Synth - 46
ISO Viscosity Grade		32	46
Kinematic Viscosity @40°C, mm ² /s	ASTM D445	31,8	46,0
Kinematic Viscosity @100°C, mm ² /s	ASTM D445	5,8	7,6
Viscosity Index	ASTM D2270	125	132
Flash Point (COC), °C	ASTM D92	242	248
Pour Point, °C	ASTM D97	-30	-25
Density @15°C, kg/m ³	ASTM D4052	845	849
Total Acid Number, mg KOH/g	ASTM D664	0,06	0,06
Copper Strip Corrosion, 3 hrs @ 100°C	ASTM D130	1B	1B



*ASTM D2272; **IP 280

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.