

Gazpromneft Turbine Oil F Synth EP - 32, 46

Industrial Steam & Gas Turbine Oil



Steam and gas turbines



High oxidation stability



EP properties



Excellent demulsibility



Antifoam properties



Synthetic

Gazpromneft Turbine Oil F Synth EP oils are high performance synthetic turbine oils with enhanced anti-wear properties designed for use in steam turbines, heavy duty stationary gas turbines and combined cycle gas turbine units operating under severe operation conditions. Gazpromneft Turbine Oil F Synth EP are formulated with advanced additive system that increase the benefits of synthetic oils to provide outstanding oil life and deposit control, thermal and chemical resistance, as well as balanced performance even under cyclic peak loaded conditions. Gazpromneft Turbine Oil F Synth EP oils provide a versatile lubricant source for a wide range of industrial equipment including highly loaded turbine gearboxes and bearings. Suitable for heavy duty turbine systems according to DIN 51515 Part 2.

Applications

- Industrial geared steam and heavy duty gas turbines which are requiring enhanced anti-wear properties
- Gas turbine combined cycle power plants
- Lubrication of turbo compressors

Features	Advantages and Potential Benefits
Improved EP performance	Enhanced anti-wear protection for highly loaded gearboxes under severe operation conditions for outstanding equipment protection
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

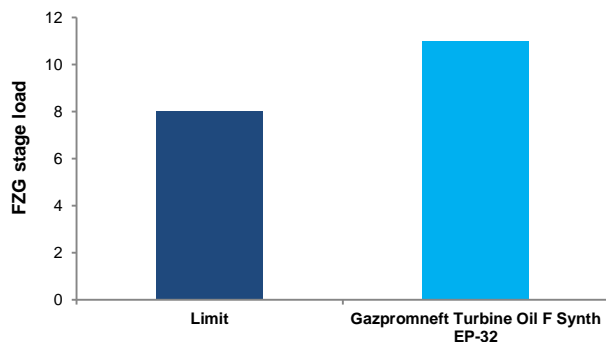
Meets the requirements:

- DIN 51515 Part 2
- GEK 101941A (ISO VG 32)
- Siemens TLV 9013 05

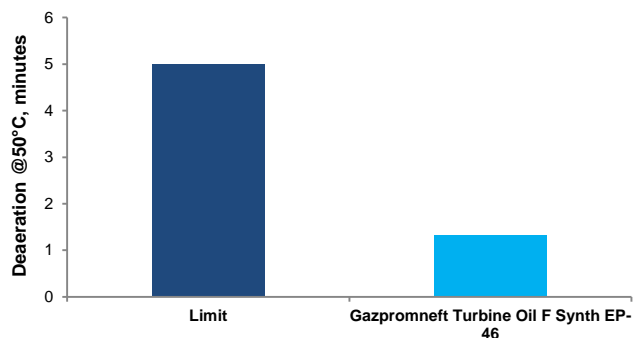
Typical Characteristics

Properties	Method	Gazpromneft Turbine Oil F Synth EP-32	Gazpromneft Turbine Oil F Synth EP-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	123	132
Flash Point (COC), °C	ASTM D92	240	250
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	0,10	0,10
Copper Strip Corrosion, 3 hrs @ 100°C	ASTM D130	1B	1B

Excellent load-carrying capacity*



Rapid air release**



*DIN 51354; **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.