

## 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 & 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

## Meet the requirements of:

Specifications	Gazpromneft Turbine Oil F Synth EP-32	Gazpromneft Turbine Oil F Synth EP-46
DIN 51515 Part 2	✓	✓
GEK 101941A	✓	
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, mm <sup>2</sup> /s @40°C @100°C	ASTM D 445	31,8 5,8	46,1 7,6
Viscosity Index	ASTM D 2270	123	132
Flash Point (COC), °C	ASTM D 92	240	250
Pour Point, °C	ASTM D 97	-30	-25
Total Acid Number, mg KOH/g	ASTM D 664	0,10	0,10
Density @20°C, kg/m <sup>3</sup>	ASTM D 4052	841	844
Copper Strip Corrosion, 3 hrs @ 100°C	ASTM D 130	1B	1B

## 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.