

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 & 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

Meet the requirements of:

Specifications	Gazpromneft Turbine Oil F Synth - 32	Gazpromneft Turbine Oil F Synth - 46
DIN 51515 Part 2	✓	✓
General Electric GEK 107395A	✓	
General Electric GEK 32568H	✓	
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, mm ² /s @40°C @100°C	ASTM D 445	31,8 5,8	46,0 7,6
Viscosity Index	ASTM D 2270	125	132
Flash Point (COC), °C	ASTM D 92	242	248
Pour Point, °C	ASTM D 97	-30	-25
Total Acid Number, mg KOH/g	ASTM D 664	0,06	0,06
Density @20°C, kg/m ³	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.