SYNFILM® GTO

Gas Turbine Oil

ROYAL PURPLE

Beyond Synthetic™

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Synfilm® GTO is recommended for the lubrication of gas turbines where unique operating conditions exist or where original manufacturer warranties require the use of non-EP oils. Synfilm® GTO is approved by Solar Turbines.

Synfilm® GTO is a premium, long life, synthetic gas turbine oil and an excellent lubricant for pumps, turbines, compressors, bearings, etc.

Typical Properties*	ISO Grade		
	10	32	46
Viscosity			
cSt @ 40˚C	10	32	46
cSt @ 100˚C	2.8	5.8	7.4
SSU @ 100˚F	61	165	236
SSU @ 210˚F	36	46	51
Viscosity Index	109	126	125
Flash ˚F	440	480	520
Fire ˚F	485	495	535
Foam Test			
Sequence I	Nil	Nil	Nil
Sequence II	Nil	Nil	Nil
Sequence III	Nil	Nil	Nil
Demulsibility			
from 40/40/0/6 to 40/40/0/10	Pass	Pass	Pass
Rust Test			
Fresh Water	Pass	Pass	Pass
Salt Water	Pass	Pass	Pass
Corrosion			
3 hrs. @ 210˚F	1a	1a	1a
Oxidation, RBOT	1000+	1000+	1000+

*All properties are typical and may vary.

Performance Advantages:

- **Rapidly Separates from Water**

  Synfilm® GTO rapidly and completely separates from water, which is easily drained from the bottom of the oil reservoir.

- **Saves Energy**

  Synfilm® GTO has a low coefficient of friction that is proven to save energy over conventional mineral oils.

- **Increased Oil Life**

  Synfilm® GTO has outstanding oxidation stability that greatly extends oil change intervals while keeping equipment clean.

- **Synthetic Solvency**

  Synfilm® GTO's natural solvency cleans up dirty oil reservoirs and keeps the equipment clean.

- **Compatible with Seals**

  Synfilm® GTO has excellent seal compatibility.

- **Compatible with Other Oils**

  Synfilm® GTO is compatible and can be mixed with other mineral oils and most synthetic oils. (It is not compatible with silicone or glycol synthetics.)

- **Environmentally Responsible**

  Synfilm® GTO components are TSCA listed and meet EPA, RCRA and OSHA requirements. Synfilm® GTO extends oil drain intervals, eliminates premature oil changes, decreases the amount of oil purchased and disposed of and conserves energy.