



Syncon™ Synthetic Turbine Oil

Conoco Syncon™ Synthetic Turbine Oil is a premium-quality, synthetic lubricant developed for use in land-based gas turbines under a wide range of temperatures, where the manufacturer calls for a synthetic hydrocarbon or PAO-based turbine oil. It is available in one viscosity grade: ISO 32.

Syncon™/Turbine Oil is formulated with pure synthetic base oils, which have exceptionally low Pour Point and high viscosity index. It is blended with carefully balanced additives to provide optimum deposit control and excellent high-temperature oxidation and thermal stability. It also provides excellent load-carrying ability and wear resistance.

Applications

Syncon™ Turbine Oil meets the performance requirements of land-based gas turbine manufacturers. It is approved by Solar Turbine as conforming to their ES9-224 Lube Oil Specification for Class I, ISO 32 turbine oils.

Outstanding Features

- Excellent low-temperature fluidity
- Low volatility and less oil makeup
- Exceptionally low Pour Point (-70°F) and high VI (133)
- Excellent thermal and oxidative stability
- Excellent rust and corrosion protection

Note: For elastomer and seal compatibility, please call our Technical Hot line.

**Premium-Quality,
Synthetic-PAO
Turbine Oil For
Stationary Solar™
Gas Turbines**

**U.S. Technical
Services Hot line:
1-800-255-9556**

**U.S. Customer
Service:
1-800-640-1956**

**International:
+1-832-486-3363**

**Asia-Pacific:
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Syncon™ Synthetic Turbine Oil
Typical Properties

ISO Grade	ASTM Method	32
Gravity, °API	D 287	33.0
Specific Gravity, @ 60°(15.5°C)		0.860
Density, lb/gal		7.17
Flash Point,	D 92	
°F		470
°C		243
Auto-Ignition Temp.,	D 2155	
°F		760
°C		404
Pour Point,	D 97	
°F		-60
°C		-103
Viscosity,	D 445	
cSt @ 40°C		32.0
cSt @ 100°C		5.65
SSU @ 100°F		165
SSU @ 210°F		45
Viscosity Index	D 2270	130
Total Acid No.	D 974	0.10
Rust Test, A&B	D 665	Pass
Wear preventive characteristic, Scar Diameter (75°C, 1200 rpm, 88.1 lb or 40 kg, 1 hr), millimeters	D 4172	0.45
FZG visual method, failure load stage	D 5182	7

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