



LUBRICANTS



Product Data Sheet

Gulcrest[®] Premium Turbine Oil

Premium industrial steam and gas turbine oil

Formulated from high quality hydrotreated base oils and a combination of zinc-free additives that provide excellent oxidative stability and longer product service life.

Features and Benefits

- ASTM D943 10,000 hours oil life
- Superior oxidation stability for long service life
- Rapid water separating characteristics to minimize emulsions
- Fast air release minimizes possibility of pump cavitation
- High VI with excellent lubricating performance
- Rust and corrosion protection
- Minimization of sludge and varnish formations

Applications

- Designed for lubricating gas, steam, and hydroelectric turbines and for central station turbo-generators
- Air tools, rotary air and gas compressors

Recommended for use in equipment requiring the following specifications:

- General Electric GEK 32568H
- General Electric GEK 107395
- General Electric GEK 120498
- ISO 8086 TSA, TGA, TGE, TSE
- AFNOR and Denison Filterability Test Pass
- British Standard 489
- ALSTOM HTGD 90117
- ISO 11158 HH, HL
- DIN 51515 Part 1, 2
- DIN 51524 Part 1
- US Steel 126
- Solar ES9-244W
- MIL-L-17672D
- Denison HF-1
- ASTM D4304 Type I, II, III
- Siemens AG TLV 9013 04 Thermal Stability



1-800-566-4853



East Greenbush, NY



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Typical Properties

ISO Viscosity Grade	Test Method	32	46	68	100	150
Product Code		334101	334103	334105	334107	334109
Viscosity, cSt @ 40°C	ASTM D-445	30.5	45	66	98	142
Viscosity, cSt @ 100°C	ASTM D-445	5.3	6.7	8.6	11.3	14.5
Viscosity Index	ASTM D-2270	100	100	100	100	96
Color	ASTM D-1500	L1.0	L1.0	L1.0	L1.0	L1.5
Pour Point, °F (°C) (Max.)	ASTM D-5949	-20 (-29)	-20 (-29)	-20 (-29)	-10 (-23)	-5 (-21)
Flash Point, COC, °F (°C)	ASTM D-92	410 (210)	430 (218)	440 (227)	455 (238)	470 (243)
Rust Test, A&B	ASTM D-665	Pass (1)	Pass (1)	Pass (1)	Pass (1)	Pass (2)
Oxidation Stability, hrs.	ASTM D-943	10,000+	10,000+	10,000+	5,000+	3,000+
Gravity, API	ASTM D-4052	32.0	31.7	31.5	31.4	31.3
Density, lbs/gal	Calculated	7.10	7.21	7.23	7.23	7.24

These properties are typical of current production, minor variations are to be expected in normal manufacturing.

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