
PRODUCT INFORMATION

80,000 HOUR POLYGLYCOL CENTRIFUGAL COMPRESSOR LUBRICANT

DESCRIPTION:

PuroLube Turbo Gold Centrifugal Compressor Fluid is an advanced blend of Polyglycol (PAG) and Polyol ester (POE) synthetic base stocks with inhibitors specially formulated for maximum protection and service life in high speed centrifugal compressors. PuroLube Turbo Gold provides excellent oxidation stability to deliver up to 80,000 hours service life under normal conditions, or twice the life of comparable OEM PAG fluids. Turbo Gold's varnish-free performance and exceptional deposit control is especially beneficial in centrifugal compressors with fixed geometry bearings like IR's Centac™ and others. Turbo Gold meets or exceeds OEM lubricant specifications and performance, making it an ideal pour-in replacement for IR's Techtrol Gold™.

BENEFITS:

PuroLube Turbo Gold is blended from premium quality synthetic base stocks coupled with state-of-the-art additive technology that has been user optimized to provide maximum service life, protection and economy. PuroLube Turbo Gold is an excellent, cost-effective, pour-in Replacement for IR's Techtrol Gold.

- Increased Operating Life – up to 10 years
- Excellent Deposit Control for Fixed Geometry Bearings (Centacs)
- Optimized Viscosity for Improved Cooling & Efficiency
- Superior Performance and Savings over Mineral Oils
- Environmentally Friendly & Biodegradable
- Reduces Oil Consumption, Disposal & Environmental Impact

ENVIRONMENTAL:

PuroLube Turbo Gold is blended from readily biodegradable basestocks. Disposal of used fluid should be done in accordance with local, state, and federal regulations.

PRODUCT PROPERTIES

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PuroLube Turbo Gold:

PROPERTY	TEST METHOD	RESULT
COLOR	-	Amber
ISO VG GRADE	ISO 3448	32
VISCOSITY @ -18 °C (0 °F)	ASTM D445	690 cSt
VISCOSITY @ 40 °C (104 °F)	ASTM D445	24.9 cSt
VISCOSITY @ 100 °C (212 °F)	ASTM D445	5.2 cSt
VISCOSITY INDEX	ASTM D2270	153
POUR POINT °C (°F)	ASTM D97	-40 °C (-40 °F)
DENSITY @ 25 °C (77 °F)	ASTM D1298	0.98 g/cm ³
FLASH POINT (COC) °C (°F)	ASTM D92	243 °C (470 °F)
FLASH POINT (PMCC) °C (°F)	ASTM D93	210 °C (410 °F)
TOTAL ACID NUMBER	ASTM D664	0.2 mg KOH/g
pH	ASTM D1293	7.9
CORROSION PROTECTION	ASTM D665B Salt water test	Pass
COPPER CORROSION	ASTM D130	Shiny 1B
ESTIMATED FLUID LIFE	-	80,000 hours

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