

Advanced Centrifugal Compressor Lubricant

AEROLUBE III

Synthetic Solution

AeroLube III has been formulated to address the specific problems associated with centrifugal compressor lubricants - thermal degradation and deposit formation. The polyglycol/ester blend has provided superior performance in the areas of oxidation resistance and deposit formation.

Product Benefits

- ▶ Superior to Mineral Oils and PAO
- ▶ Eliminates Deposit Formation
- ▶ Extends Fluid Drain Interval
- ▶ Lowers Energy Consumption
- ▶ Improves Heat Transfer



**Pour-in Replacement for
IR's Techtrol Gold™**

SUPERIOR PERFORMANCE

AeroLube III meets or exceeds compressor OEM's lubricant specifications for compressors with fixed geometry bearings and can be used as a direct pour-in replacement fluid for IR's Techtrol Gold™.



PRODUCT DATA COMPARISON

Properties	AeroLube III	Techtrol Gold™
Viscosity, cST @ 40oC	26.5	24.6
Viscosity Index	141	142
Pour Point, oF / oC	-69 / -56	-40 / -40
Flash Point (COC), oF / oC	485 / 252	450 / 232
Foaming (Seq. I, II, III)	0 (Nil)	0 (Nil)
Density (g/cc at 25oC)	0.9556	0.98
Total Acid Number - TAN	0.06	0.18

Note: Testing performed by an independent laboratory. Properties subject to change