
PRODUCT INFORMATION

16,000 HOUR POLYGLYCOL / POLYOL ESTER COMPRESSOR LUBRICANT

DESCRIPTION:

PuroLube PAG 16K is a synergistic blend of polyglycol (PAG) and polyol ester (POE) long-life synthetic base stocks with a state-of-the-art additive system. It is formulated exclusively for rotary screw air compressors with a unique *user-optimized and replenishable additive system* that is proven to deliver maximum performance, protection and service life. The expected life of PuroLube PAG 16K in normal applications is 16,000 hours, or 100% longer than the OEMs' 8,000 hour rated compressor fluids. PuroLube PAG 16K is especially well suited for use in harsh, high temperature and high humidity environments, and will not leave varnish, sludge or deposits as often occurs with polyalphaolefin (PAO), Diesters, synthetic hydrocarbons (SHC) and mineral oil based products.

BENEFITS:

PuroLube PAG 16K is blended from premium quality base stocks coupled with state-of-the-art additive technology that has been optimized for the user to provide maximum service life and protection. These same advanced additives are available in our PuroLube XTEND Additive Concentrate which can be periodically added to replenish additives that deplete with normal use.

- Exceptional service life for extended drain intervals and reduced oil consumption
- No deposits or varnish formation in coolers, bearings, or separators
- Extremely low carry over for reduced downstream contamination and oil make-up
- Excellent corrosion protection and acid neutralization (replenishable)
- Superior Oxidative stability for long life (2 times the OEM fluids)
- High VI for superior low and high temperature performance
- Outstanding water tolerance and lubricity for long air-end life

ENVIRONMENTAL:

PuroLube PAG 16K 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 PAG 16K:

PROPERTY	TEST METHOD	RESULT
COLOR	-	Amber
ISO VG GRADE	ISO 3448	32/46
VISCOSITY @ -18 °C (0 °F)	ASTM D445	1380 cSt
VISCOSITY @ 0 °C (32 °F)	ASTM D445	290 cSt
VISCOSITY @ 40 °C (104 °F)	ASTM D445	37.5 cSt
VISCOSITY @ 100 °C (212 °F)	ASTM D445	7.4 cSt
VISCOSITY INDEX	ASTM D2270	171
POUR POINT	ASTM D5950	-51 °C (-60 °F)
DENSITY @ 25 °C (77 °F)	ASTM D1298	8.22 lbs. / gal.
FLASH POINT	ASTM D92	>268 °C (>515 °F)
CLEANLINESS (TYPICAL)	ASTM 4406:99	20/19/16
TOTAL ACID NUMBER	ASTM D664	0.2 mg KOH/g
CORROSION PROTECTION	ASTM D665B Salt water test	Pass
COPPER CORROSION	ASTM D130	Shiny 1B
ESTIMATED FLUID LIFE	-	16,000 hours

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