
PRODUCT INFORMATION

8,000 HOUR POLYGLYCOL / POLYOL ESTER COMPRESSOR LUBRICANT

DESCRIPTION:

DuroLube PAG 8K is a standard OEM-grade 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 to be a 100% compatible *pour-in replacement* for the OEMs' PAG/POE fluids. The expected life of DuroLube PAG 8K in normal applications is the same as the OEMs' 8,000 hours. DuroLube PAG 8K 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:

DuroLube PAG 8K is blended from premium quality base stocks coupled with state-of-the-art additive technology that has been optimized at OEM levels to deliver the same performance, protection and 8,000 hour service life as the OEMs' factory fill PAG fluids.

- OEM grade fluid formulated to meet or exceed the performance of OEM PAG/POE fluids
- 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
- Excellent Oxidative stability for 8,000 hour life
- High VI for superior low and high temperature performance
- Outstanding water tolerance and lubricity for long air-end life

ENVIRONMENTAL:

PuroLube PAG 8K 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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DuroLube PAG 8K:

PROPERTY	TEST METHOD	RESULT
COLOR	-	Amber
ISO VG GRADE	ISO 3448	32/46
VISCOSITY @ -18 C (0 F)	ASTM D445	1100 cSt
VISCOSITY @ 0 C (32 F)	ASTM D445	292 cSt
VISCOSITY @ 40 C (104 F)	ASTM D445	40.6 cSt
VISCOSITY @ 100 C (212 F)	ASTM D445	8.0 cSt
VISCOSITY INDEX	ASTM D2270	174
POUR POINT	ASTM D5950	-48C (-55F)
DENSITY @ 25C (77F)	ASTM D1298	8.25 lbs. / gal.
FLASH POINT	ASTM D92	>260 C (>500F)
CLEANLINESS (TYPICAL)	ASTM 4406:99	20/19/16
TOTAL ACID NUMBER	ASTM D664	0.3 mg KOH/g
CORROSION PROTECTION	ASTM D665B Salt water test	Pass
COPPER CORROSION	ASTM D130	Shiny 1B
ESTIMATED FLUID LIFE	-	8,000 hours

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