
PRODUCT INFORMATION

EXTREME DUTY POLYOL ESTER (POE) BLEND ROTARY COMPRESSOR FLUID FOR CONTAMINATED ACID-GAS ENVIRONMENTS

DESCRIPTION:

PuroLube XD is a full synthetic POE blend rotary screw air compressor fluid specially formulated for use in contaminated *acid-gas* environments. PuroLube XD provides greater resistance to acidic intake air than PAG based synthetics, and greater resistance to varnish than PAO and SHC synthetic blends. Under normal operating conditions absent of any acid gases, PuroLube XD is expected to exceed 10,000 hours between oil changes. As with all compressor fluids, routine oil analysis is recommended to determine oil condition and when the oil needs to be changed.

BENEFITS:

PuroLube XD delivers maximum oil service life and protection to rotary screw air compressors located in contaminated *acid-gas* environments. PuroLube XD is formulated with thermally and oxidatively stable synthetic base stocks specially selected to improve resistance to ingested *acid-gas* contaminants and reduce the potential for varnish commonly experienced with PAO and SHC blends.

- Extended drain intervals in contaminated *acid-gas* environments
- Excellent Oxidation & Thermal Stability
- Good Viscosity Index / Wide operating temperature range
- Excellent Corrosion and anti-wear Protection
- High Flash Point for improved safety
- Compatible with most compressor fluids

ENVIRONMENTAL:

PuroLube XD is highly demulsifiable which increases the effectiveness of compressor condensate oil-water separators. Disposal of used fluid should be done in accordance with local, state, and federal regulations.

PRODUCT PROPERTIES

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PuroLube XD:

PROPERTY	TEST METHOD	RESULT
COLOR	-	Clear
ISO VG GRADE	ASTM D2422	46
VISCOSITY @ 40 °C (104 °F)	ASTM D445	43.8 cSt
VISCOSITY @ 100 °C (212 °F)	ASTM D445	7.3 cSt
VISCOSITY INDEX	ASTM D2270	129
POUR POINT	ASTM D97	-50 °C (-58 °F)
SPECIFIC GRAVITY	ASTM D1298	0.89
FLASH POINT	ASTM D92	261 °C (501 °F)
FOAMING SEQUENCES I, II, III	ASTM D892	NIL
TOTAL ACID NUMBER	ASTM D664	0.4 mg KOH/g
DEMULSIBILITY	ASTM D1401	Excellent
COPPER CORROSION	ASTM D130	Shiny 1B
EVAPORATION %	ASTM D972	1.0

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