



PAG Gas Compressor Fluid XD5

PAG Gas Compressor Fluid XD5 is a full synthetic-based lubricant formulated for use in hyper compressors and natural gas reinjection applications. It features higher film strength than traditional lubricants, and is fully compatible with most compressor components.

PAG Gas Compressor Fluid XD5 is available in one viscosity grade: ISO 150/220. It contains no animal fats or saponifiable components that may interfere with well-bore treatment products. It minimizes the effect of H₂S concentrations in sour gas.

The combination of synthetic base oils and carefully selected additives yield a superior synthetic compressor lubricant that provides rust protection, oxidation resistance and corrosion inhibition resulting in long service life and extended component life.

Applications

- Cylinder lubrication of hyper compressors in natural gas reinjection
- Cylinder lubricant for reciprocating compressors processing carbon dioxide and other process gases which require chemical resistance

Outstanding Features

- Resists wash off by hydrocarbon gases and liquids
- Resists absorption into the gas phase and carry-over of the lubricant downstream
- Insoluble in hydrocarbons, minimizes dilution effects
- Higher-film strength than traditional lubricants
- Protects against rust and corrosion
- Compatible with most compressor components including seals, gaskets and hoses

Compatibility

PAG Gas Compressor Fluid XD5 is not compatible with the following hydrocarbons and chemicals: Gasoline, Diesel, Kerosene, Heptane, Glycerol, Ethylene Glycol, Triethanolamine and Methanol.

**Synthetic
Polyglycol
Compressor
Lubricant For
Hyper Compressors
and Natural Gas
Reinjection**

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PAG Gas Compressor Fluid XD5
Typical Properties

	ASTM Method	
ISO Grade		150/220
Gravity, °API	D287	1.20
Specific Gravity @ 60°F (15.6°C)		1.063
Density, lb/gal		8.89
Flash Point (COC), °F (°C)	D92	563 (295)
Pour Point, °F (°C)	D97	-40 (-40)
Viscosity,	D445	
cSt @ 40°C		198
cSt @ 100°C		34.8
SUS @ 100°F		999
SUS @ 210°F		168
Viscosity Index	D2270	228
Total Acid Number (TAN)	D974	0.01
Four-Ball Wear, Scar Diameter, mm	D2266	0.45
Copper Corrosion	D130	1b

Due to continual product research and development, the information contained herein is subject to change without notification.

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