



## PAG Gas Compressor Fluid XD1

PAG Gas Compressor Fluid XD1 is a full synthetic-based lubricant formulated for use in gas compression applications that require wide-operating temperature ranges, and minimum interaction between the lubricant and the process gas. It features higher-film strength than traditional lubricants, and it is fully compatible with most compressor components.

PAG Gas Compressor Fluid XD1 is available in one viscosity grade: ISO 46. It is formulated with synthetic base oils and carefully selected additives, which provide rust protection, oxidation resistance, corrosion inhibition and long service life.

### **Applications**

- Oil-flooded rotary screw and rotary-vane compressors processing natural gas, propane, helium, carbon dioxide or other hydrocarbon gases

### **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 XD1 is compatible with the following solvents, elastomers and paints:

- Solvents: Acetone, Alcohol, Butyl Dioxol, Chlorinated Solvents, Glycol Ethers
- Elastomers: Neoprene, Silicone Rubber, Torton, Vespal and Viton
- Paints: Epoxy

PAG Gas Compressor Fluid XD1 is not compatible with the following hydrocarbons and chemicals:

- Gasoline, Diesel Fuel, Kerosene, Heptane, Glycerol, Ethylene Glycol, Triethanolamine, Methanol and oil-based paints

**Synthetic  
Polyglycol  
Compressor  
Lubricant For Gas  
Compression**

**U.S. Technical  
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1-800-640-1956**

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**PAG Gas Compressor Fluid XD1**  
**Typical Properties**

<b>ISO Grade</b>	<b>ASTM Method</b>	<b>46</b>
Gravity, °API	D287	3.91
Specific Gravity @ 60°F (15.6°C)		1.045
Density, lb/gal		8.71
Flash Point (COC), °F (°C)	D92	428 (220)
Fire Point (COC), °F (°C)	D92	608 (320)
Pour Point, °F (°C)	D97	-80 (-62)
Viscosity,	D445	
cSt @ 40°C		46.6
cSt @ 100°C		9.28
SUS @ 100°F		235
SUS @ 210°F		57
Viscosity Index	D2270	187
Total Acid Number (TAN)	D974	0.05
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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