

## ConocoPhillips Hydroclear® 150 Gas Compressor Fluid

Category : Fluid , Lubricant

### Material Notes:

Description: Conoco Hydroclear Gas Compressor Fluid is designed to lubricate rotary screw and reciprocating compressors in natural gas service. Conoco's high-quality hydrocracked base oil, combined with specially tailored additives, provides the protection against rust, corrosion, oxidation, wear and foaming needed to produce long and trouble-free service. The interaction between natural gas and hydrocarbon-based oils can lead to an effect known as "gas dilution." This effect reduces the effective viscosity of the lubricant and is normally taken into account by using ISO 100 and 150 viscosity grade products. Experience has shown that Hydroclear Gas Compressor Fluid provides excellent service and value in applications for which the compressor outlet pressure is less than 150 psig, the specific gravity of the gas stream is less than 1.0, and the gas outlet temperatures are well above the condensation point of the gas. Information provided by ConocoPhillips.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ConocoPhillips-Hydroclear-150-Gas-Compressor-Fluid.php](http://www.lookpolymers.com/polymer_ConocoPhillips-Hydroclear-150-Gas-Compressor-Fluid.php)

Physical Properties	Metric	English	Comments
Viscosity Measurement	100	100	Viscosity Index
Saybolt Viscosity at 100°F	783 SUS	783 SUS	
Saybolt Viscosity at 210°F	78 SUS	78 SUS	
Kinematic Viscosity at 40°C (104°F)	149 cSt	149 cSt	
Kinematic Viscosity at 100°C (212°F)	14.9 cSt	14.9 cSt	

Mechanical Properties	Metric	English	Comments
Four Ball Wear	0.400 mm	0.0157 in	

Thermal Properties	Metric	English	Comments
Pour Point	-28.9 °C	-20.0 °F	
Flash Point	266 °C	510 °F	

Descriptive Properties	Value	Comments
ASTM Rust A&B	Pass	
Copper Corrosion	1A	
FZG	Pass 9 Load Stages	ASTM D5182
Oxidation Resistance	3000 hrs.	ASTM D-943

## **Contact Songhan Plastic Technology Co.,Ltd.**

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