



LUBRICANTS

AN HF SINCLAIR BRAND

TECH DATA

PC GasComp IP 150

SYNTHETIC PAG

COMPRESSOR FLUID

INTRODUCTION

Petro-Canada Lubricants PC GasComp IP 150 Compressor Fluid is a polyalkylene glycol (PAG) fluid with a premium and modern additive package that provides excellent performance and operational efficiencies specifically in flooded rotary screw and reciprocating compressors.

The very high viscosity index, excellent lubricity and high thermal stability are additional benefits in selecting PC GasComp IP 150 instead of standard mineral oils in Natural Gas service and for propane refrigeration.

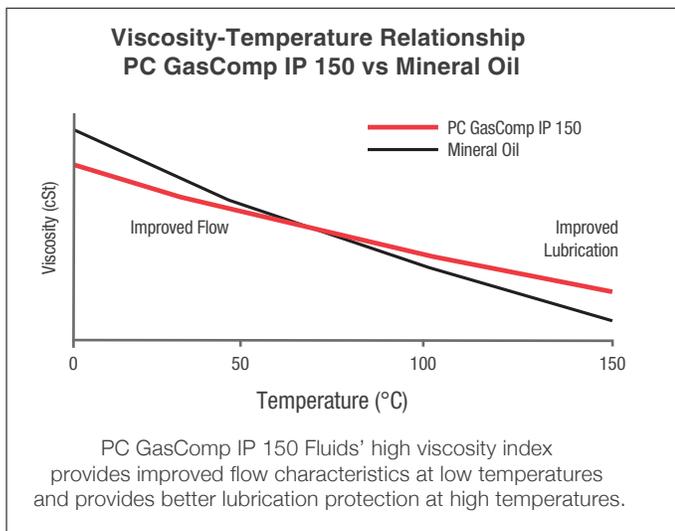
FEATURES AND BENEFITS

Helps to reduce frequency of expensive overhauls due to corrosion

- The modern corrosion inhibition package protects equipment from corrosion and yellow metal staining

Extends equipment life

- High viscosity index provides improved flow characteristics at low temperatures and provides better lubrication protection at high temperatures



APPLICATIONS

PC GasComp IP 150 is recommended for:

Compression of propane in refrigeration service

- Provides strong resistance against propane gas dilution
- Offers operational efficiencies in propane refrigeration applications
- High thermal stability and low volatility
- Excellent low temperature properties
- Effective lubrication of cylinders and packings in leading OEM reciprocating refrigeration compressors
- Compression of low molecular weight natural gas

PC GasComp IP 150 Compressor Fluids can also be used to lubricate reciprocating rotary screw and select applications. PC GasComp IP 150 Compressor Fluid should not be mixed with mineral oil based lubricants.

For more detailed recommendations on reciprocating cylinders and packing lubrication for various gas streams and conditions, or to convert to a PC GasComp IP 150 Compressor Fluid, please contact a Petro-Canada Lubricants Technical Services Advisor.

TYPICAL PERFORMANCE DATA

Property	Test Method	PC GasComp IP 150
ISO Grade		150
Density, kg/L at 15°C	ASTM D4052	1.00
Appearance	Visual	Colourless-yellow
Flash Point, COC, °C / °F	ASTM D92	230 / 446
Kinematic Viscosity, cSt at 40°C / 104°F cSt at 100°C / 212°F	ASTM D445	147 28
Viscosity Index	ASTM D2270	225
Foam control Seq. 1 Seq. 2 Seq. 3	ASTM D892	0/0 0/0 0/0
Pour Point, °C / °F	ASTM D5950	-42 / -43
Specific Heat BTU/(lb°F) @ 38°C / 100°F BTU/(lb°F) @ 93°C / 200°F		0.47 0.50
Thermal Conductivity, BTU/hr.ft.°F @ 38°C / 100°F BTU/hr.ft.°F @ 93°C / 200°F		0.09 0.08

The values quoted above are typical of normal production. They do not constitute a specification.

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Learn more about us: lubricants.petro-canada.com
Contact us: lubecsr@hfsinclair.com

Committed to the disciplined operation of our business.



Petro-Canada Lubricants Inc.
2310 Lakeshore Road W. Mississauga, Ontario, Canada L5J 1K2
lubricants.petro-canada.com

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