

# TECH DATA

## PC GasComp IPX 150

### SYNTHETIC PAG COMPRESSOR FLUID

## INTRODUCTION

Petro-Canada Lubricants PC GasComp IPX 150 Compressor Fluid is a water insoluble polyalkylene glycol (PAG) fluid with a premium and modern additive package that provides excellent performance and operational efficacies 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 IPX 150 instead of standard mineral oils in Natural Gas service and for propane refrigeration.

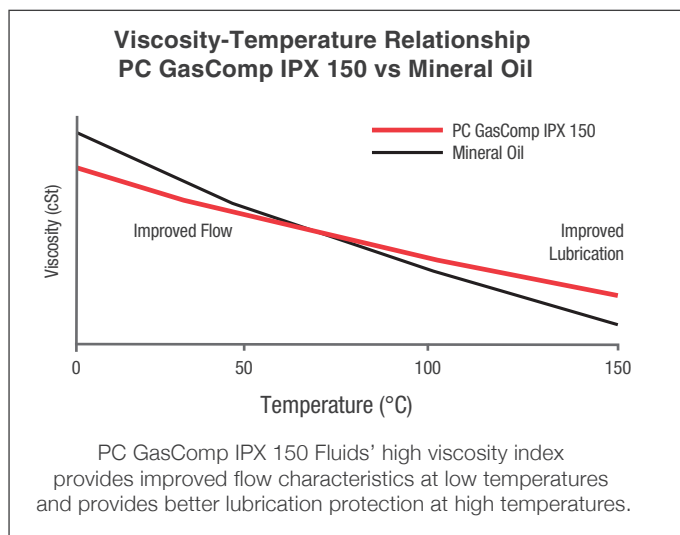
## FEATURES AND BENEFITS

### 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 IPX 150 is recommended for:

### Compression of propane in refrigeration service and compression of natural gas in lower density gas applications

- 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 IPX 150 Compressor Fluids can also be used to lubricate reciprocating and rotary screw compressors in select applications. PC GasComp IPX 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 IPX 150 Compressor Fluid, please contact a Petro-Canada Lubricants Technical Services Advisor.

## TYPICAL PERFORMANCE DATA

Property	Test Method	PC GasComp IPX 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	226/438
Kinematic Viscosity, cSt at 40°C / 104°F cSt at 100°C / 212°F	ASTM D445	151 23.7
Viscosity Index	ASTM D2270	188
Foam control Seq. 1 Seq. 2 Seq. 3	ASTM D892	0/0 0/0 0/0
Rust A	ASTM D665A	Pass
Pour Point, °C / °F	ASTM D5950	-42/-44
Specific Heat BTU/(lb°F) @ 38°C / 100°F BTU/(lb°F) @ 93°C / 200°F		0.48 0.51
Thermal Conductivity, BTU/hr.ft.°F @ 38°C / 100°F BTU/hr.ft.°F @ 93°C / 200°F		0.096 0.091

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

PC GasComp IPX 150 Compressor Fluids should not be mixed with mineral oil or water soluble PAG lubricants.  
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Learn more about us: [petrocanadalubricants.com](https://petrocanadalubricants.com)  
Contact us: [lubecsr@hfsinclair.com](mailto:lubecsr@hfsinclair.com)

Committed to the disciplined operation of our business.



**Petro-Canada Lubricants Inc.**  
2310 Lakeshore Road W. Mississauga, Ontario, Canada L5J 1K2  
[petrocanadalubricants.com](https://petrocanadalubricants.com)

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