

INTRODUCTION

Petro-Canada Lubricants PC R&O 150 is a high-quality lubricant designed specifically for use in natural gas reciprocating compressor frame and force feed systems, as well as the circulating oil systems of a wide range of industrial machinery.

PC R&O 150 also has a low pour point which may eliminate the need for heated, pressurized day tanks and heat traced lines.

PC R&O 150 has been formulated with specially selected additives to provide superior anti-foaming and water separation properties to manage emulsion in reciprocating natural gas compressors, reduce or eliminate coalescer filter plugging, dehydration process contamination and production tank overflow. PC R&O 150 is also designed to have excellent rust and oxidation protection to deliver reliable performance and extended service life.

FEATURES AND BENEFITS

Excellent water separability

- Non-Detergent formulation separates readily from water, without loss of additive performance
- Maintains proper lubrication.
- Prevents emulsion formation.

Improved Foam Resistance

- Ensures a lubricant film continues to protect metal surfaces
- Prevents overflowing of oil reservoirs
- Eliminates cavitation damage to circulating oil pumps
- Improves equipment reliability
- Reduces downstream separator and process issues

Air Release

- Efficient air expulsion.
- Ensures consistent lubrication.
- Reduces the risk of damage.

Superior rust and corrosion protection

- Iron and other metal components protected against water damage

APPLICATIONS

PC R&O 150 is designed for use in natural gas reciprocating compressor frame and force feed systems as well as circulating systems. It also provides extended, corrosion-free lubrication of bearings and gears in a wide range of industrial machinery.

TYPICAL PERFORMANCE DATA

Property	Test Method	PC R&O 150
Viscosity, cSt @ 40°C cSt @ 100°C	D445	143 14.2
Viscosity Index	D2270	96
Density @ 15°C, kg/L	D4052	0.876
Total Acid Number, mg KOH/g	D664	0.12
Flash Point, COC, °C	D92	260
ASTM Colour	D1500	<3.0
Pour Point, °C	D5950	-30
Copper Corrosion, 3hrs @ 100°C	D130	1A
Mechanical Emulsion @ 82°C	D1401	41-39-0 (10)
Foam Sequence I, ml Foam Sequence II, ml Foam Sequence III, ml	D892	0/0 20/0 0/0
Rust B		Pass

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

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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