



RP COMPRESSOR OILS

Introduction

Petro-Canada Compressor Oils RP 268 and RP 460 have been specifically designed for the lubrication of natural gas compressor cylinders and rod packings that have force-feed lubrication systems and operate on sour, wet or contaminated natural gas.

RP Compressor Oils are formulated using specially selected base oils and an advanced, barium-free, non-fatty additive package. They demonstrate excellent high-temperature stability, very good lubricity and wear protection while minimizing deposit formation in severe operating conditions. RP Compressor Oils resist being diluted and washed away by condensed light hydrocarbons.

Features and Benefits

RP Compressor Oils offer the following benefits:

- High film strength and load carrying capability
- Good anti-wear properties
- Very good oxidative and thermal stability
- Good resistance to corrosion
- High Total Base Number

Applications

Petro-Canada Compressor Oils RP 268 and RP 460 have been specifically developed for the lubrication of natural gas compressor cylinders and rod packings that have separate force feed lubrication systems. They are primarily recommended for use in the compression of sour, wet or contaminated natural gas. The higher viscosity RP 460 grade is especially suited for higher pressure applications.

For more detailed recommendations on cylinder packing lubrication for various gas stream components, please contact your Petro-Canada Tech Services advisor. TechBulletin TB-1105 Reciprocating Compressor Cylinder Packing Lube Oil Recommendations is also available for general guidance.

What is the HT difference?

Petro-Canada Lubricants starts with the HT purity process to produce water-white, 99.9% pure base oils. The result is a range of lubricants, specialty fluids and greases that deliver maximum performance for our customers.



Typical Performance Data

PROPERTY	ASTM TEST METHOD	RP 268	RP 460
Density@15°C, kg/L	D1298	0.895	0.905
Colour, ASTM	D1500	<6.5	<7
Viscosity cSt @ 40°C cSt @ 100°C	D445	269 22	393 28
Viscosity Index	D2270	98	97
Flash Point, COC, °C/°F	D92	278/532	297/567
Pour Point, °C/°F	D5950	-18/0	-12/10
Acid Number (AN), mg KOH / g	D664	0.48	0.83
Base Number (BN), mg KOH / g	D2896	5.3	6.8

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

To order product or to learn more about how Petro-Canada Lubricants
can help your business visit: lubricants.petro-canada.com
or contact us at: lubecsr@petrocanadalsp.com



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