Tech Data

COMPRESSOR CLEANER

Introduction

Petro-Canada's Compressor Cleaner is a specially formulated synthetic fluid for cleaning varnish and sludge from compressors while they are operating. Petro-Canada Compressor Cleaner contains oxidation and rust inhibitors, and may be used as a short term compressor lubricant (up to 400 hours). It is fully compatible with mineral oils and most synthetic based fluids. Its high flash point and low toxicity ensures safety in its application.

Features and Benefits

- **Helps to maximize compressor performance and minimize downtime**
  - removes varnish or sludge left by the previously used lubricant
  - regularly scheduled cleaning varnish build up and increases the cooling efficiency of the oil
  - helps to extend the service life of the compressor
- **Ensures peak performance of new fluid**
  - effective as a flushing fluid when converting from other products to Petro-Canada's compressor fluids
  - removes previously oxidized fluids, acidic compounds, sludges and varnishes that can significantly reduce the service life and performance of the new fluid
- **Allows safe conversion from one fluid chemistry to another**
  - required when converting from a polyalkylene glycol or silicone based fluid to a mineral oil or synthetic hydrocarbon based fluid
  - required when converting from a mineral oil, synthetic hydrocarbon or silicone based fluid to a polyalkylene glycol based fluid

Applications

Petro-Canada Compressor Cleaner may be used to remove varnish, dirt and oxidized fluid from compressors and compressor lubricating systems. It is also effective when converting from one fluid chemistry to another.

Compressor Cleaner may be used as a flushing fluid when converting from other lubricants to Petro-Canada's compressor fluids, and is highly recommended when converting varnished or dirty compressors.

For complete details on converting from a PAG to a mineral oil/synthetic hydrocarbon based fluid or vice versa, please refer to TechBulletin TB-1217 Guidelines for Converting To Compro™ Compressor Fluids and TB-1238 Guidelines for Cleaning and Flushing Gas Compressors.

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	TEST METHOD	COMPRESSOR CLEANER
Density, kg/L at 15°C (60°F)	ASTM D4052	0.94
Flash point, COC, °C/°F	ASTM D0092	230/446
Fire point, COC, °C/°F	ASTM D0092	260/500
Kinematic Viscosity, cSt at 40°C/SUS at 100°F cSt at 100°C/SUS at 210°F	ASTM D0445 ASTM D0445	42.6/221 5.9/46
Viscosity Index	ASTM D2270	65
Total acid number, mg KOH/g	ASTM D664	0.15
Pour Point, °C/°F	ASTM D5950	-27/-17
Rust Protection Procedure A – Distilled Water	ASTM D665	Pass
Oxidation stability, 24 h, 180°C (356°F) % Visc. increase @ 40°C (104°F) Total Acid Number Increase, mg KOH/g	 IP048 IP048	 4 0.02

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**

CERTIFIED
ISO 9001
ISO 14001
ISO/TS 16949

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