



## REFLO™ CFC REFRIGERATION COMPRESSOR OIL

### Introduction

Petro-Canada Reflo™ CFC Refrigeration Compressor Oil is a refrigeration lubricant designed for general purpose lubrication of refrigerator compressors working with CFC (chlorinated fluorocarbon) refrigerants.

Reflo CFC is a highly refined naphthenic oil with excellent low temperature properties and a very low wax content that helps to avoid floc formation problems while in service. Reflo CFC has improved dispersibility which optimises heat transfer and oil return. It also has a higher viscosity range, thereby providing excellent lubrication.

Reflo CFC should be stored in a clean, dry area and care must be taken to avoid contact with dirt and moisture.

### Features and Benefits

- **Greater Chemical Stability**
  - Better able to resist chemical reaction with the refrigerant or other material present
- **No Contamination**
  - Prevents scarring of bearing surfaces and guards against general deterioration of lines and oil ports
- **Low Temperature Properties**
  - Compatible with the refrigerant at low temperatures and has a low wax content which prevents wax deposits that may clog the system
  - Low pour point prevents congealing in refrigerant lines

### Applications

Reflo CFC is formulated to work with CFC (chlorinated fluorocarbon) refrigerants such as R11, R12, R-113, R-114, R-115. It may also be used at moderate temperatures with HCFC (hydrochlorinated fluorocarbon) refrigerants such as R22, R123, R-124, R-141b, R-142b, R-502 as well as Methyl Chloride, Carbon Dioxide (R-744) and Ammonia (R-717). Reflo CFC is recommended for use by major OEM manufacturers of compressors and equipment.

**NOTE:** This product is not intended for use with HFC (hydrofluorocarbon) refrigerants or their mixtures (R-23, R-125, R-134a, R-143a, R-152a, R-404a, R-500, R-507).

**Ammonia Systems:** For exceptional service in ammonia refrigeration systems including long oil life and less oil consumption, Petro-Canada recommends Reflo 46A and 68A.

*For product specifications and application guidelines on Reflo 46A and 68A, contact your Petro-Canada Representative, or contact one of the TechData Info lines.*

#### What is the HT difference?

Petro-Canada starts with the patented 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	REFLO CFC
Density @ 15°C, kg/L	ASTM D4052	0.911
Gravity API	ASTM D4052	23.8
Colour	ASTM D1500	0.5
Viscosity, cSt @ 40°C	ASTM D445	55
cSt @ 100°C		5.78
SUS @ 100°F	ASTM D2161	290
SUS @ 210°F		45.7
Pour point (°C / °F)	ASTM D97	- 36 / - 33
Flash Point COC (°C / °F)	ASTM D92	189 / 372
Floc Point, max (°C / °F)	3-GP-0100.1	-50 / -58
Total Acid number (TAN), mg KOH/g	ASTM D974	0.01

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

## Health and Safety

To obtain Material Safety Data Sheet (MSDS), contact one of Petro-Canada's TechData Info Lines.

## TechData Info Lines

If you would like to know more about Petro-Canada's Reflo CFC, or any other product in our complete line of quality lubricants, please contact us at:

**Lubricants Head Office**  
**Petro-Canada**  
**2310 Lakeshore Road West**  
**Mississauga, Ontario**  
**Canada L5J 1K2**



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**- East (English)** . . . . . Phone 1-800-268-5850  
**(French)** . . . . . Phone 1-800-576-1686  
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