

EPPCO FROZO PE

PRODUCT DESCRIPTION

EPPCO FROZO PE refrigeration oils are manufactured from high quality synthetic polyol ester oils for use with HFC refrigerants. They have very low pour points and good miscibility with a range of HFC refrigerants to provide low Freon floc points. **Frozo PE** oils have exceptionally good miscibility with these refrigerants and additionally can contribute towards prolonged compressor and seal life through the high thermal stability which controls the formation of carbon and gummy deposits at elevated temperatures.

APPLICATIONS

- ◆ Business/domestic and office air conditioning systems
- ◆ Reciprocating refrigeration compressors suitable to use Frozo PE 22, 32, 46 and 68
- ◆ Rotary refrigeration compressors suitable to use Frozo PE 68, 100, 150 and 220
- ◆ Compatible with a range of refrigerants R134a, R404A, R407C, R410A, R507
- ◆ Ultra Low temperature applications

Not suitable for systems containing CFC refrigerants i.e. R 12, R22 etc.

OEM RECOMMENDATIONS

Suitable for use in AERZEN, BOCK, CARRIER, GRASSO, GRAM, HOWDEN, J&E HALL, SABROE, SULZER, TECUMESH, YORK

Not recommended for use in compressors for air breathing equipment unless confirmed by the OEM.

BENEFITS

Frozo PE provides:

- ◆ Reduced downtime by maintaining clean working surfaces
- ◆ Prevention of waxy and gummy deposits through high oil thermal stability
- ◆ Very low dilution with refrigerants for good lubrication
- ◆ Extended oil service life, excellent resistance to oxidation
- ◆ Ultra low pour and floc points and miscibility with refrigerants

Caution: Flush the system well if moving from mineral oil to synthetic Polyol ester oil

Technical Data*						
ISO Grade	32	46	68	100	150	220
Density @ 20 °C	0.981	0.971	0.962	0.960	0.964	0.968
Viscosity mm ² /s @ 40°C	32	46	68	100	150	208
Viscosity mm ² /s @100°C	5.9	7.3	9.3	11.3	13.8	17.8
Flash Point, COC, °C	250	250	250	270	265	260
Pour Point, °C	-51	-45	-36	-30	-25	-21
Water Content Karl Fisher ppm	<50	<50	<50	<50	<50	<50
Acid number ASTM D 974	0.18	0.18	0.18	0.10	0.10	0.18
Product code	324019	344104	344105	344106	324017	324018

*The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible

HEALTH AND SAFETY, ENVIRONMENT

The information on this product is available in the EPPCO Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information we recommend you review the MSDS. Handled correctly there are no special precautions suggested.

Issued by ENOC Marketing LLC, Dubai, U.A.E.
 Last Updated on January 2021 – MS
 PDS V2040121