

COOL-PLUS CL-F 46

REFRIGERATION OILS

322200201

DYADE
LUBRICANTS



COMPRESSOR LUBRICANT FOR CFC REFRIGERATION SYSTEMS

The formulation of this product is specifically designed for refrigeration systems that utilize chlorinated fluorocarbon refrigerants. It consists of a naphthenic oil that has been highly refined to provide excellent low-temperature properties. The product also has a very low wax content to prevent any issues with flocculation during service. This product is ideal for lubricating refrigerator compressors that operate with chlorinated fluoro-carbon (CFC) refrigerants like R11 and R12. It can also be used with hydro chlorinated fluorocarbon (HCFC) refrigerants including R22, R123, R-124, R-141b, R142b, R-502, as well as Methyl Chloride, Carbon Dioxide (R-744), and Ammonia (R-717) under moderate temperatures. However, it is not recommended for use with HFC refrigerants like R134a or R23.

CATEGORY

- Refrigeration Fluids

BENEFITS

- Greater chemical resistance against reactions with the refrigerant
- Better fluidity at lower temperatures which warrant a better efficiency and avoids blockage of pipes and coolers
- Good dispersibility for optimal heat transfer and oil return

PROPERTY	METHOD	VALUE
Appearance		Bright and clear
Colour	ASTM D1500	1
FOUT		0.914
Viscosity @ 40 °C, mm ² /s	ASTM D445	43
Viscosity @ 100 °C, mm ² /s	ASTM D445	5.3
Pour point, °C	ASTM D97	-37
Flash point C.O.C, °C	ASTM D92	175
Copper corrosion 24h @ 150 °C	ASTM D130	1b
Dielectric strength, kV	IEC 156	45
Dissipation factor @ 25 °C 2 mm	IEC	0.01
Water content, ppm max.	ASTM D1533	50
Freon 12 insoluble, wt. % max.	DIN 51 590	0.05

All data on this technical data sheet is indicative only

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