



## Coolmax CFC

### Compressor lubricant for CFC refrigeration systems

#### Description

Coolmax CFC is formulated for use in refrigeration systems that use chlorinated fluorocarbon refrigerants. It is a highly refined naphthenic oil with excellent low temperature properties and a very low wax content in order to avoid flocculation problems in service.

#### Application

Recommended for general purpose lubrication of refrigerator compressors working with CFC (chlorinated fluorocarbon) refrigerants such as R11 and R12. It may also be used for HCFC (hydro chlorinated fluorocarbon) refrigerants such as R22, R123, R-124, R-

141b, R142b, R-502 and Methyl Chloride, Carbon Dioxide (R-744) and Ammonia (R-717) at moderate temperatures. Coolmax CFC is not suitable for use with HFC refrigerants such as R134a or R23.

#### 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

#### Gas type suitability

Coolmax CFC is suitable for processing the following gases:

R11	R12	R502	R22	R123
R414b	R142b	R124	R401a	R409a
R290	R600/600a	R502	R717	R744

#### Typical performance data

	Test method	32	46	55	68
Appearance	-	Bright and clear			
Colour	ASTM D1500	1			
Specific gravity @ 15 °C	-	0.910	0.914	0.915	0.916
Viscosity @ 40 °C, cSt	-	30	43	55	68
Viscosity @ 100 °C, cSt	-	4.4	5.3	5.5	5.9
Pour point, °C	ASTM D97	-40	-37	-37	-36
Flash point COC, °C	ASTM D92	168	175	176	179
Copper corrosion, 24 hrs / 150 °C	ASTM D130	1b	1b	1b	1b
Dielectric strength, kV	IEC 156	45	45	45	45
Dissipation factor @ 25 °C 2 mm	IEC	0.01	0.01	0.01	0.01
Water content, ppm max.	ASTM D1533	50	50	50	50
Freon 12 insoluble, wt. % max.	DIN 51590	0.05	0.05	0.05	0.05

All performance data on this Technical Data Sheet are indicative only and can vary during production

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