



## 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 fluoro-carbon) 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	CFC 32	CFC 46	CFC 55	CFC 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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