



Coolmax CO 85

Miscible CO₂ refrigeration compressor fluid

Description

Coolmax CO 85 is a premium lubricant that has been formulated specifically for use in CO₂ refrigeration systems. The Advanced formulation will provide superior miscibility and lubricity in high pressure CO₂ systems. Coolmax CO 85 will also offer excellent chemical and thermal stability, excellent low temperature fluidity, and a very long service life.

Benefits

- Excellent miscibility with CO₂ refrigerants
- Excellent thermal and oxidation stability and long life in CO₂ systems
- Very high viscosity index for better compressor protection at elevated temperatures
- Very high flash & auto-ignition points for added safety
- Low volatility
- Excellent film strength and anti wear properties
- Very long life fluid
- Excellent carbon and varnish control
- Excellent rust & corrosion control
- Non toxic/non hazardous

Typical performance data

	Test method	85
Viscosity @ 40 °C, cSt	ASTM D445	80
Viscosity @ 100 °C, cSt	ASTM D445	11,2
Viscosity index	ASTM D2270	120
Pour point, °C	ASTM D92	-39
Flash point, °C	ASTM D97	282
Auto ignition point, °C		421
FZG pass stage		12+
4 ball wear test, 40 kg 1200 RPM, 75 °C		
• Welding point, kg		100
• Wear scar dia, 1 hr, mm		0,40
Copper corrosion 24hrs/100 °C	ASTM D130	1a
Demulsibility @ 54 °C, 30 min		40/40/0

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

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