

Coldstar Lubricants for CO₂ Refrigerants

Your Optimal Solution For CO₂
Refrigeration Compressor Lubrication

Applications

Coldstar's CO₂ refrigerant compressor lubricants are ideal for a broad range of applications:



Screw
compressors



Reciprocating
compressors



Scroll
compressors



CO₂/NH₂
Cascade
systems

Affinity for water

Immiscible Formulations	CS-2884	< 50 ppm
	Many Competitors	> 75 ppm
Miscible Formulations	CS-6227-85	< 200 ppm
	Many Competitors	> 500 ppm

CS-2884 and CS-6227-85 have a much lower affinity for water than most competitive products, enhancing system protection.

Exceptional water control for enhanced protection

CO₂ refrigeration systems are growing in popularity primarily because they do not deplete ozone and have almost zero global warming impact. However, CO₂ systems have a much lower tolerance for water than do other refrigerants. In freezing temperatures, water in the system will freeze, creating the risk of blocked control valves and other problems.

Coldstar's CO₂ refrigeration compressor lubricants minimize water content in the refrigeration system much more effectively than most competitive products and, therefore, provide better system protection.

Attributes & Benefits

CS-2884 Immiscible
CO₂ Refrigeration
Compressor Lubricant

- Food-grade formulation
- High viscosity index
- Excellent low-temperature fluidity

CS-6227-85 Miscible
CO₂ Refrigeration
Compressor Lubricant

- High viscosity index
- Excellent low-temperature fluidity

How can we help?

Coldstar can provide you with the ideal lubricant based on your customers' operating environments, run times and desired preventive-maintenance schedules. For more information about these or other Coldstar products, please call 407-296-7600 or email sean@coldstarusa.com or steve@coldstarusa.com. We can help you make an appropriate choice for your specific needs.