

COOL-SHOT®

A/C and Refrigeration System - Performance Additive

What is it?

A powerful, yet safe, synthetic catalyst that improves the performance and efficiency of any A/C or Refrigeration System.

How does it work?

Cool-Shot's active ingredients, two synthetic catalysts, combine with superior lubricating agents, catalyse the system lubricants, improving lubricity and reducing the thermal effect on the internal walls of the evaporator and condenser coils.

Benefits

- Enhance the performance of any A/C system
- Especially effective with older A/C systems
- Delivers colder vent air faster (approx 2 - 4 C)
- Minimum 20% energy saving
- Reduces annual maintenance costs by approx 20%
- Significantly reduces CO₂ emissions

Technical Benefits:

- Increases cooling capacity 20-30%
- Improves coil heat transfer up to 73%
- Reduces compressor friction, vibration and noise
- Delivers 54% higher lubricity to compressor oil
- Extends life of system 20-30%
- Highly visible to U.V. Lamp

Features

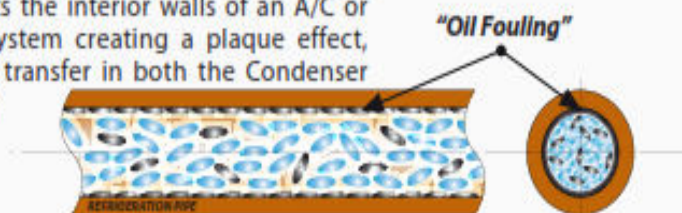
- Provides direct contact for refrigerants with internal heat transfer surfaces
- Prevents compressor oil from creating insulating effects

- **Cartridge System - Inject Directly - Maximum System Port Pressure - 5,5 bar (80 psi.)**
- **Push&Fill System - Inject Directly - Maximum System Port Pressure - 11 bar (160 psi.)**

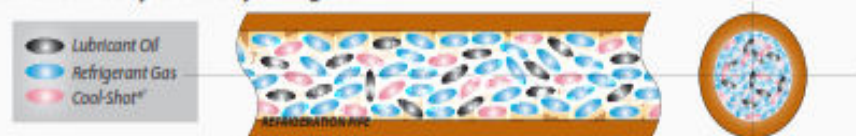
The "Oil Fouling" Problem

Typically with air conditioning and refrigeration systems, from one to eight percent of the compressor lubricant circulates in the system with the refrigerant gas. Traces of this oil coat the inner walls of the piping, inhibiting heat exchange between the refrigerant and the metal piping, thus reducing system efficiency by approx 30% (ASHRAE data).

Before: Oil coats the interior walls of an A/C or Refrigeration system creating a plaque effect, impeding heat transfer in both the Condenser and Evaporator



After: COOL SHOT eliminates "Oil Fouling", providing direct contact between the refrigerant and all heat transfer surfaces without the normal insulating barrier created by oil. Cool-Shot's powerful lubricant catalysts do not harm or chemically alter any refrigerant.



Dose

| Applicazioni | KG | Cool-Shot |
|-------------------------------|---------------|----------------|
| A/C and Refrigeration Systems | Up to 0.3 kg | 12 ml (0.4oz) |
| A/C and Refrigeration Systems | Up to 0.45 kg | 24 ml (0.8 oz) |
| A/C and Refrigeration Systems | Up to 1 kg | 30 ml (1.0 oz) |
| A/C and Refrigeration Systems | Up to 2 kg | 42 ml (1.5 oz) |
| A/C and Refrigeration Systems | Up to 4 kg | 60 ml (2.0 oz) |

FOR BEST RESULTS USE APPROPRIATE DOSE OF COOL-SHOT FOR THE SIZE OF THE SYSTEM.

