

US Federal Trade Commission's Magnuson-Moss Act (*Equipment Warranty*)

The Federal Trade Commission Magnuson-Moss Act 15USC ss230, January 1, 1997; 61 FR 69366, states that a manufacturer cannot void or refuse to honor their equipment warranty because a second party component or supply is installed in or with their equipment. The manufacturer need not approve non-OEM "second party" equipment so the customer is free to use them in the manufacturer's equipment. This is equivalent to Sanyo memory chips in a Dell computer or STP in a Ford vehicle or Idemitsu compressor oil in Trane AC equipment. The Manufacturer must prove that the second party product damaged their equipment and say so in their warranty.
<http://www.ftc.gov/bcp/online/pubs/buspubs/warranty.htm>

No manufacturer or customer, to our knowledge, has ever claimed damage to their equipment by the addition of synthetic IceCOLD® Refrigerant Catalyst. Additionally, no AC / refrigeration equipment manufacturer has notified US Refrigeration Technologies that IceCOLD® catalyst will damage their equipment or void their warranties. In hundreds of installations over 10 years, no customer has asked for a refund or claimed any damage or filed a complaint or claim with the BBB or any other authority.

Furthermore, US Refrigeration Technologies is insured and will pay to repair/replace any damaged equipment if the IceCOLD® Refrigerant Compressor Oil Fouling Eliminator catalyst is proved to damage the equipment, whether the equipment is in warranty or not.

York Manufacturing has tested IceCOLD® and found it improved their equipment efficiency by 28% and caused the compressors to run 40 degrees F cooler which can add from 20% to 50% to the life of the compressor.

INTERTEK (the laboratory that determines the SEER ratings for the AC OEMs) SAE J standard laboratory testing (the highest authority on AC compatibility) certifies that IceCOLD® is compatible with refrigerants and compressor lubricants, has the highest degree of purity, and is non-toxic and non-hazardous and increases the lubricity of the compressor oil by 54%.

Independent laboratory testing by Idemitsu, the largest manufacturer of compressor oils, shows that synthetic IceCOLD® Refrigerant Compressor Oil Fouling Eliminator catalyst meets or exceeds all equipment manufacturers' warranty standards for compressor oils. www.apolloamerica.com

Maintenance and Wear Factors:

- 1) The ingredients in synthetic IceCOLD® Refrigerant Catalyst remove ASHRAE oil fouling plaque, **increasing heat exchange ~70%** allowing the equipment to run up to 20%+ less, extending its life.
- 2) IceCOLD® contains a cutting edge premium PAO synthetic lubricity agent such as found in high tech synthetic lubricants such as Mobil 1®:

- Cutting-edge synthetic lubricity anti wear compound – to extend bearing life (INTERTEK Certified laboratory testing shows **54% increased lubricity**)
- Extreme pressure agents – to extend bearing life under very heavy load

2) After treatment with IceCOLD® Refrigerant Catalyst, customers typically experience a 1% to 6% decrease in compressor amperage draw. Reductions of compressor head temperature of 40 degrees *f* are reported by York. According to ASHRAE, for every ~10% less amperage a compressor electric motor uses, it lowers its operating temperature by 10 degrees C. GE states that for every 10 degrees C lower operating temperature, the compressor motor life is doubled.

3) IceCOLD® Refrigerant Catalyst will literally clean and restore older systems of the ASHRAE oil fouling. All of the components of IceCOLD® will help extend equipment life and reduce maintenance costs.

4) IceCOLD® meets or exceeds all equipment manufacturers' warranty standards for compressor oil (independent laboratory testing by the largest manufacturer of compressor oils, Idemitsu).

5) Typical compressor oil will last up to 50% longer between oil changes after treatment with IceCOLD® due to less system run time, cooler operation, and the IceCOLD® chemistry that extends oil life. Customers are encouraged to have oil tested before changing, as they will find that changing is not required as often as pre-treatment.

6) Since the AC system cools the space off faster following IceCOLD® installation, the equipment runs up to 20% less, reducing the customer's electricity bill. Since the AC system is running less, all normal maintenance such as changing air filters, cleaning coils, and other normal wear of components such as contactors, etc. is also reduced.

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