



RAISE Restore1030™ Unique Points

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There has always been, and always will be attempts toward the ultimate solution with regards to technology. As advances in chemistry continue and technology to synthesize these advances progress, our world is in position to take advantage of these triumphs. Yet there are still many commercial enterprises that have for one reason or another remained static in their approach towards strategic engineering solutions.

The commitment at **RAISE Energy** has been to painstakingly assess where the industry has been with regard to sustainable energy solutions, to evaluate the successes as well as failures and to mine out the greatest advances that still yield our endeavor towards "Eco-Sustainable energy solutions and bring these victories into position. Combining direct affiliation with our product engineering as well as manufacturing and capitalizing on the latest advances possible in this field of technology, we feel that the performance position of the **RESTORE1030™** solution is unmatched; demonstrating to customers a no-interruption, energy saving solution time after time.

The following information serves as an aid to illustrate some of the very unique aspects of providing our **RESTORE1030™** RTO HVAC/Refrigeration solution:

RESTORE1030™ is a new, revolutionary, proprietary grouping of "Stage 2" technologies steeped in over 20 years of metallurgic-thermodynamic research testing and application of hydraulic and mechanical aspect operations in the Heavy Industrial, NASCAR and Military genres.

RESTORE1030™ has taken this heavy duty field performance and engineered a solution set of formulations to increase the operational efficiency in Air-conditioning and Refrigeration systems without adding chemically reacting or altering additives.

RESTORE1030™ Refrigeration Treatment Optimizer (RTO) most effectively solves the problem of compressor oil fouling, enhanced refrigerant pool boiling temps and lubrication that had previously been untreatable in large scale A/C chillers and refrigeration systems. **RESTORE1030™** does not compromise system oil viscosity yet enhances it's ability to channel and lubricate more effectively.

RESTORE1030™ restores system operating performance to "like-new", maintains the performance, reduces runtime, aids in extending service life of the equipment all with one permanent treatment.

RESTORE1030™ is a safe, Non-Toxic, Non-Corrosive Refrigerant Treatment Optimizer, which is compatible with all oils and refrigerants (aside from Ammonia) currently in use. It can be injected into a variety of refrigeration applications (HVAC/freezer compressors, larger chillers, ice cube maker compressors), resulting in (4) efficiency increases which positively affect the HVAC/Refrigeration system. Application range is extensive and include mission critical data centers, walk-in's/cold rooms, cold storage transport containers/overland reefer trucks, ambulance/aid units, food distribution centers and district cooling plants are some examples.

RESTORE1030™ is the only HVAC/Refrigeration sustainable energy solution line to our knowledge that offers an "eco-responsible" energy solution treatment for both the internal and external

volatile system components; preventing corrosion, reducing service and cleaning, extending overall equipment life all while reducing critical energy consumption and the carbon footprint.

To this date, **RESTORE1030™** has not had a single equipment failure or claim made attributed to its formulation line. **RESTORE1030™** has a powerful warranty in force as well as a substantial product liability insurance policy.

WHAT MAKES RESTORE1030™ RTO FORMULATION TECHNOLOGY DIFFERENT FROM OTHER PRODUCTS IN THE MARKET THAT MAKE SIMILAR CLAIMS?

All other market place competitors are Stage 1 products that reverse oil fouling in the system in the short term. **RESTORE1030™** comprises advanced patent pending formulations which, after the initial introduction takes place, permanently imbeds in the pores of the metal and fuses; bonding to the friction-bearing parts of the compressor and inner walls of the thermal transfer tubing carrying the refrigerant and compressor oil.

The fused molecules are now in an inert state in which nothing can chemically react or stick to the new surface. Oil fouling at this point is no longer possible. As the oil molecules attempt to re-establish their adhesion, they are smoothly channeled back into the system. **RESTORE1030™** formulations are the only product line which permanently prevents the re-introduction of oil fouling which impedes HVAC system operation and makes what compressors work harder causing higher kilowatt usage.

IS RESTORE1030™ an OIL Additive OR A PROA?

RESTORE1030™ is not a temporary solution or additive. **RESTORE1030™** is like no other. A 100% active ingredient molecular compound formulation that works in synergy with your refrigerant and compressor oil to restore the optimal heat transfer of your system without adulterating waxes or toxic chlorine or acid derivatives.

How RESTORE1030™ APPROACHES OIL FOULING AS COMPARED TO OTHERS?

Contenders approach to thwart oil fouling for the short-term utilizes toxic and corrosive cleaning agents. Over time, the oil fouling returns and then starts to again impede the refrigerant flow and the rate of heat transfer. **RESTORE1030™** approach to oil fouling is quite different. The patent pending formulation provides for permanent fusing to parts with life-of-system service in all refrigerant environments. (Only Ammonia/Ammonia Glycol is currently excluded, testing is still underway)

MY LOCAL AIR CONDITIONING COMPANY IS NOT FAMILIAR WITH RESTORE1030™?

Although there have been many attempts over the years to engineer energy effective additives, only recently has the true "Stage 2" Refrigeration Optimizing Treatment formulation of RESTORE1030™ been developed, successfully tested and made available to the commercial HVAC engineering trade. Having extensive geographical/climatic opportunities, initial beta tests were conducted in the warmer latitudes of the South/Southeastern U.S. It has been proven to be safe and effective through laboratory compatibility testing.

HAS RESTORE1030™ BEEN TESTED IN THE PROFESSIONAL HVAC ARENA?

Yes. RESTORE1030™ formulations have been tested by one of the preeminent HVAC laboratories in existence, Edison Testing Lab/Intertek. There were two separate tests:

1. RESTORE1030™ underwent a compatibility test, which tested and proved that RESTORE1030™ does "no harm" to any of the parts of the HVAC system, whether they be compressor parts, copper tubes or in the air handler side.
2. RESTORE1030™ was tested in a sterile, isolated lab setting in which two brand new compressors were tracked, side by side. "Before" baseline measurements were taken and tracked in both compressors. After RESTORE1030™ was injected into the "test" compressor for a period of 48-hours, the "After" computer measurements were compared between the treated compressors for a period of 48-hours. Virtually all results showed positive reactions in the RESTORE1030™ treated compressor (and you must remember that RESTORE1030™ can take 1-3 weeks to fully integrate).