



Technical Review
MaxR100™

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Advanced Refrigerant Agent

MaxR100™ is a highly polarized compound that, when introduced into the refrigerant oil of a system, forms a permanent bond to metal surfaces. This action removes oil fouling, changes the thermal nature of the metal and lowers the boiling point of the refrigerant gas, resulting in a more efficient operating system with substantial savings in energy costs.

MaxR100™ is Unique

MaxR100™ forms a protective molecular layer that will NOT change mechanical tolerances. MaxR100™ contain no elements of the Halogen group, particularly Chlorine, Fluorine, nor Sulfur or Phosphorous. MaxR100™ does NOT contain PTFE (Teflon®) or any other particulate. MaxR100™ will NOT contaminate waste oil.

MaxR100™ Core Benefits	
Provides like-new equipment performance	Outstanding anti-friction protection
Softens and conditions seals	Provides substantial energy savings
Quieter running equipment	Eliminates oxidation
Reduced compressor run time	Protects mechanical parts
Extends lubricant life	Precludes dry starts
Extends equipment life	Rapidly improves operating conditions
Less downtime & maintenance costs	Lower vent temperatures

MaxR100™ Applications	
Air conditioners	Chillers
Heat pumps	Refrigeration systems

When MaxR100™ is added to a piece of equipment, the negatively charged molecules are highly attracted to the positive charge of the metal surface. This action removes any carbon, oil residue or other substance that may be attached to it. Once this has taken place, the reaction of the metal and MaxR100™ creates an intermetallic compound lubricating layer that provides the stated benefits. An air conditioning technician must add MaxR100™.

ColdAir™ Automotive Refrigerant Treatment

A similar product to MaxR100™ is ColdAir™, which is formulated for automotive refrigerant. When ColdAir™ is applied to the a/c of a car, truck or piece of construction equipment, the results are reduced vent temperatures and a substantial savings in fuel consumption when operating the air conditioning.



Associative Products

The manufacturer of MaxR100™ also makes a similar product for general lubrication applications. MaxR200™ can be added to engines, transmissions, differentials, power steering, hydraulic systems, grease, generators, pumps, transformers, or used straight up as a cutting fluid. Extended a/c life is also a benefit of using this unique technology. Also available is MaxR300™ diesel fuel conditioner, and MaxR300-G™ gas conditioner, which provide substantial fuel savings among their many benefits.



for more information please visit our website at www.lubesolv.com

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