



National Refrigerants, Inc.

Refrigerant Supply

Analytical Testing

Refrigerant Management

Cylinders and Containers

Chemicals and Cleaners

Refrigeration Lubricants





National Refrigerants, Inc. (NRI) is an international leader in the packaging and supply of refrigerant gases and refrigeration oils. NRI's facility in Rosenhayn, NJ is dedicated to all aspects of refrigerant management, including refrigerant and oil packaging, DOT requalification and refurbishment of compressed gas cylinders and containers, refrigerant reclamation and refrigerant and oil laboratory analysis.

Since NRI's inception in 1983, commitment to quality and exceptional customer service have been our priorities. Full service refrigerant management programs, combined with attention to detail, make NRI the choice for every refrigerant need.

Refrigerant Supply

NRI supplies HFC, HCFC and CFC refrigerants to refrigeration and air conditioning customers around the world. Our product line includes containers ranging from small automotive cans to railcars. NRI provides the highest quality products with unsurpassed personal service.



NRI supplies its products to customers through a network of refrigeration and air conditioning wholesalers. This includes over 300 distribution outlets in both the United States and Canada.

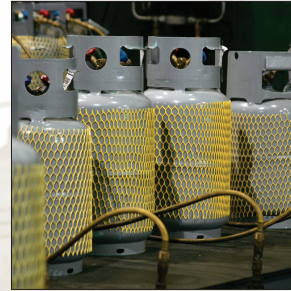
National Refrigerants of America, Ltd (NRA) is located in Hinckley, England. This location houses a filling, distribution and reclamation facility which supplies refrigerants, lubricants and chemicals to Europe and the world.





Refrigerant Management Services

To complement NRI's comprehensive inventory of refrigerants, additional services to help manage the industry's requirements are offered. NRI is the largest independent EPA and ARI certified reclamation facility in the world. Our knowledgeable staff can help you choose the best reclamation option for your business.



Reclamation and Refrigerant Banking

Designed to assist refrigerant users manage their current and future refrigerant needs, NRI's refrigerant reclamation expertise allows used refrigerant to be purified to original specifications, thereby assuring optimal system performance. For users concerned about managing their refrigerant assets, NRI's refrigerant banking service provides the means to store their refrigerant and make it available when and where it is needed.

Cylinder Refurbishing

The maintenance of cylinders is an integral part of NRI's refrigerant management services. NRI is registered as a DOT cylinder requalification facility offering the following cylinder services:

- 5 year hydrostatic recertification of recovery cylinders.
- Visual, internal and external examination
- Internal and external shot blasting
- Valve replacement
- Exterior painting

Refrigerant Recovery Cylinders

As a leader in refrigerant reclamation, NRI offers a complete line of used refrigerant recovery cylinders. Cylinders are color-coded according to industry guidelines and are available in the service pressures required to recover low, high and very high pressure refrigerants. A variety of sizes are available to meet every recovery need.

ISO Container Services

NRI has an extensive fleet of ISO tank containers available for refrigerant transport. With service pressures ranging from 335 PSI to 500 PSI, NRI can offer short and long term lease options. In addition, NRI has a full service shop offering comprehensive container maintenance services including visual examination, hydrostatic requalification, valve repair and replacement, cleaning and painting.



Analytical Laboratory and Testing Services

By using the most advanced analytical testing equipment, NRI has set the industry standard for refrigerant and oil testing in compliance with the Air Conditioning and Refrigeration Institute (ARI) and federal testing methods. NRI's chemists and technicians comprise more than 150 years of analytical experience assuring complete and accurate test results. NRI's laboratory was the first to be qualified under ARI's Laboratory Certification program.

NRI's laboratory has the equipment and expertise to satisfy all aspects of analytical testing required throughout the refrigeration and air conditioning industry:

Refrigerant Testing

- ARI Standard 700 Specification testing for new and reclaimed refrigerants
- Refrigerant from operating systems tested to identify potential performance problems

Refrigeration Oil Testing

- Comprehensive range of testing available to measure oil quality including viscosity, moisture and wear metals
- Diagnostic analysis to reveal system failure potential

Halon Testing

- New and reclaimed halons and their replacements tested to ASTM, ISO and Military specifications, approved for US government programs

Additional services include:


- Preparation of refrigerant and halon calibration standards
- Glycol identification and concentration
- Specialty analysis






Additional Services


Refrigeration Lubricants


NRI distributes a complete range of refrigeration oils required for today's refrigerants and operating systems.  **Mineral, Alkylbenzene** and **Polyol Ester oils** are available in sizes ranging from pint containers to 55 gallon drums. **Solest™ Lubricants** are available in 1 gallon, 5 gallon and 55 gallon containers. NRI's technical support staff can assist in selecting the proper lubricant for a particular application.

Chemicals and Cleaners

NRI also has available the most popular chemicals and cleaners used in the HVACR industry. The  **Chemical Line** includes Coil Cleaners, Degreasers, Ice Machine Cleaners and Scale Dissolvers. These chemicals and cleaners are backed by NRI's commitment to quality and service.

Propylene Glycol

 **Propylene Glycol** contains Dowfrost™ heat transfer fluid, manufactured by the Dow Chemical Company. It provides freeze or burst protection based on the application.

 **Propylene Glycol** is available in concentrations of 40%, 70% and 96% and is packaged in 1 gallon, 5 gallon and 55 gallon containers.

Customer Service and Technical Support

NRI's staff has extensive experience in the refrigeration and air conditioning industry. Full time chemists and chemical engineers are available to assist customers with questions related to refrigerants, refrigeration oils and their applications.

Regulatory Consultation

NRI maintains membership in several industry organizations that allow NRI's staff to be proactive and informed on issues affecting the refrigeration and air conditioning industry. In our highly regulated refrigerant industry, it is important to stay informed on these issues so that you retain your competitive edge.







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