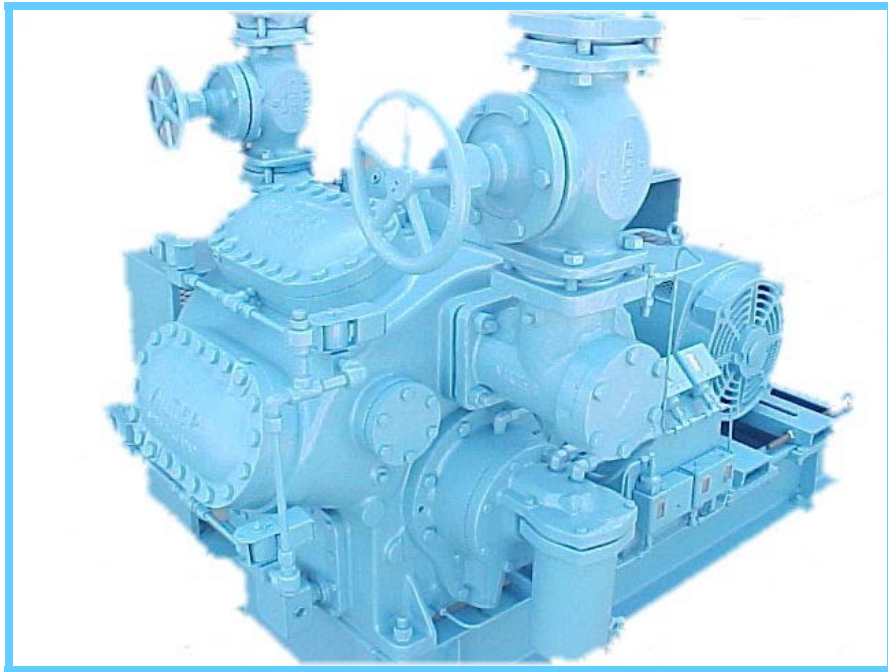
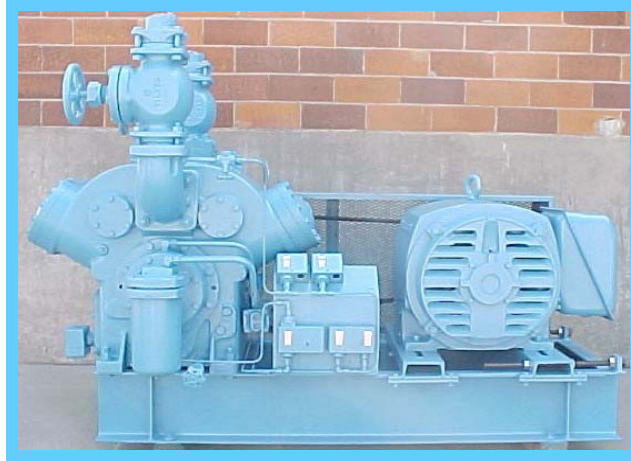


# ARJISCO



# RECONDITIONED COMPRESSORS

# **THERE IS A DIFFERENCE**



**ARESCO reconditioned Vilter® 446 Ammonia Compressor with new 100 HP motor.**

## **WHY GO RECONDITIONED?**

The compressor is the heart of your refrigeration system. We at ARESCO have been selling and servicing compressors for a combined 60+ years. One of the things that we have realized throughout the years is that it does not matter if your compressor is one year old, or one hundred and one years old, compressors do one thing: compress gas.

If a brand new compressor is designed to pump 100 CFM of gas and a 20-year-old compressor is also designed to pump 100 CFM of gas, they will both pump 100 CFM of gas using roughly the same amount of electricity.

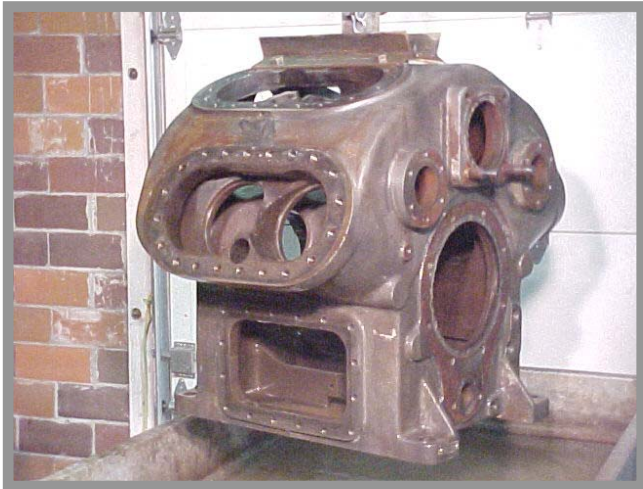
There are certain applications where one style of compressor is more advantageous than another; but with all things being equal, all compressors perform the work that they are designed to do, at roughly the same efficiency.

We would certainly never fault anyone for wanting to buy a new compressor. Indeed, we would welcome and appreciate the opportunity to supply you with any one of our fine new compressors from Howe, Howden, Hasegawa, Mycom, M&M, Sabroe or Vilter. Any one of these compressor manufacturers make outstanding machines, and we are

proud to offer them. But sometimes you don't need to spend a lot of money on a new compressor when you can get the same quality in a reconditioned compressor for a lot less money.

## WHAT MAKES ARESKO RECONDITIONED COMPRESSORS SO GREAT?

Unparalleled quality and extreme attention to detail are what sets ARESKO apart from any other compressor rebuilder. We are constantly striving to be the best compressor reconditioners in the United States. Our goal is to bring you the highest quality reconditioned compressors available on the market today. Here is how we do it.



Compressor After Cleaning

We begin by completely disassembling the compressor. The frame, and all of the components are dipped in a special caustic solution made exclusively for ARESKO. This caustic removes all paint, oil, carbon, rust and any other impurities, leaving nothing but perfectly clean frames and components. This special solution also assures that all of the intricate oil and gas passageways are completely clean.

All wearable surfaces (Liners, Safety Heads, Etc.) are carefully checked to make sure that they are within strict ARESKO specifications. All parts that are beyond specifications are discarded and replaced with new.



Checking Tolerances



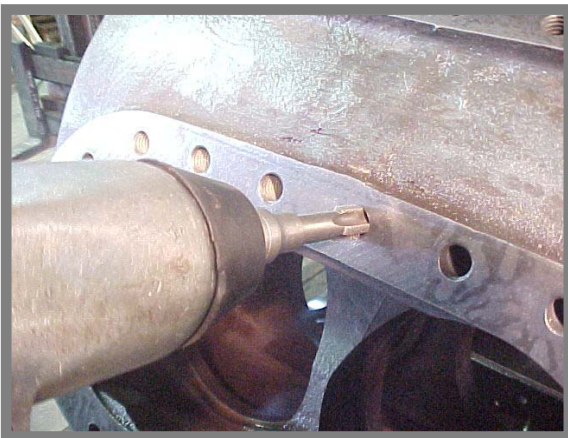
All Liners and Safety Heads that pass our standards are then machined in our own, in-house, machine shop. All Liners are honed, and all critical surfaces on the Liners and Safety Heads are carefully lapped to assure proper sealing. Keeping these machining processes in-house assures consistent quality and unparalleled precision.

Honing Liners

Every single part in our reconditioned compressor is thoroughly cleaned. This attention to detail even includes cleaning the oil passages in the crankshafts. We remove the oilway plugs and flush high-pressure solvent through the oil passages to ensure that all accumulated dirt is removed. This is an important process that is commonly not performed by other compressor remanufacturers.



Cleaning Crankshaft

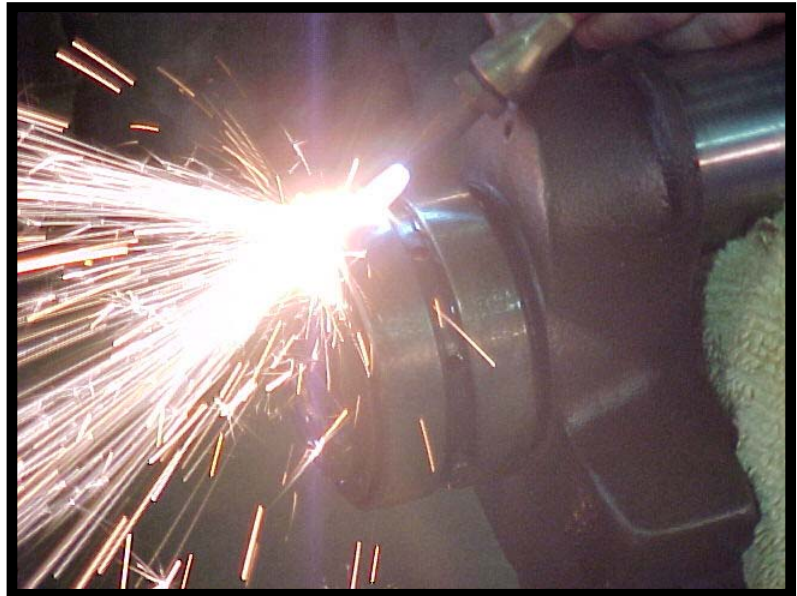


What good is a compressor if it is not put together with ease of serviceability in mind? We want to make sure that when it is time for you to service your compressor, everything will come apart smoothly. To assure this, we anti-seize all gaskets and all bolts. We even go so far as to clean every thread in the frame (pictured) so that no rust or dirt will get in your way.

Cleaning Head Bolt Threads



Crankshaft main bearings are thoroughly flushed and cleaned. The bearings are then rigorously tested, and all tolerances carefully checked to ensure that the bearings are in good condition. If any main bearing fails to pass the test, it is removed, and a new Timken® bearing is installed. All bearings are pre-lubricated prior to assembly.



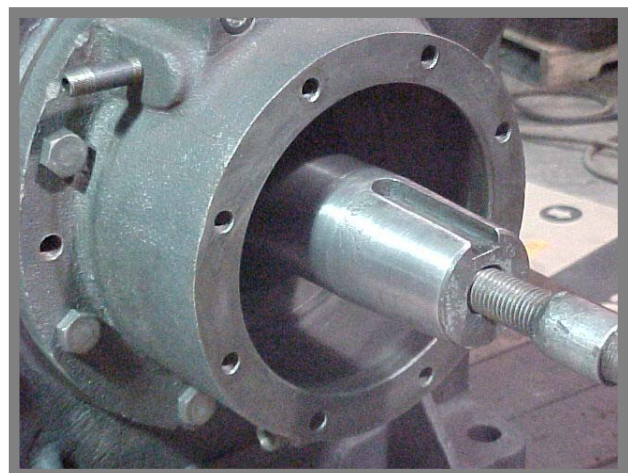
Removing Crankshaft Bearing



Rebuilding Oil Pump

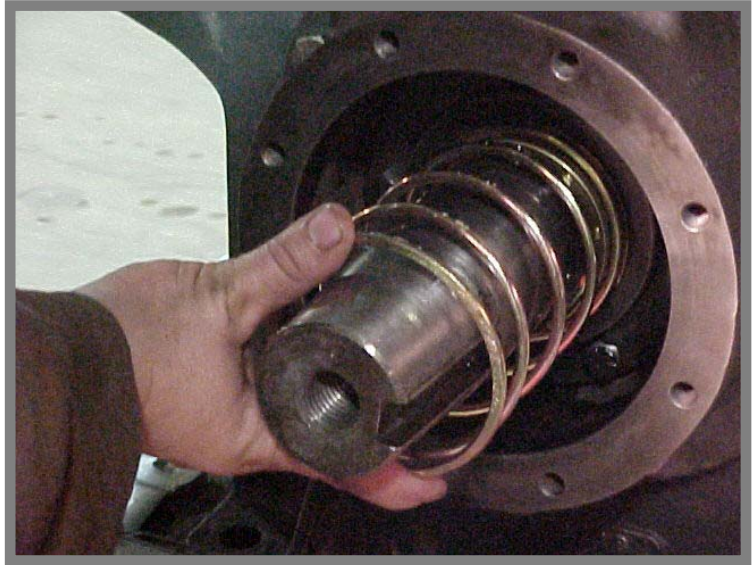
No detail is too small. Not only do we recondition the oil pump (As Shown), but we also clean and rebuild the oil filter pressure relief assembly, modify the oil metering hole for the front bearing assembly (To Assure Full Oil Pressure To The Front Main Bearing), as well as other design improvements that other remanufacturers simply don't do.

Who do you trust when your business is on the line? At ARESCO, we do not use “diesel mechanics” to rebuild our compressors. We guarantee that the compressor you order from ARESCO will be reconditioned by the most experienced hands in the industry. How can we say this? Because we have over 60 years of combined experience rebuilding the Vilter® compressor.



Installation of Crankshaft

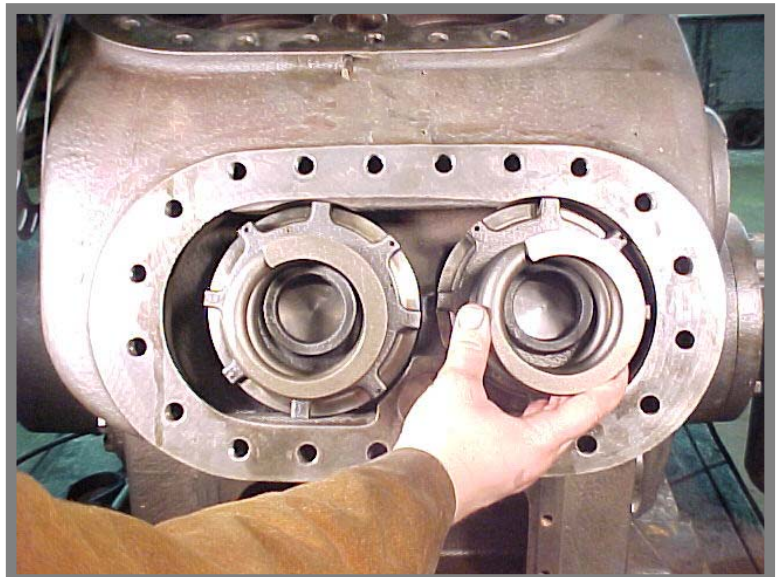
Even though you are purchasing a “reconditioned” compressor, there are plenty of new parts included. These are the same high quality parts that you can buy direct from ARESCO at a fraction of the cost that you would pay for OEM parts. Every ARESCO compressor includes the following new parts:



Installing John Crane® Seal

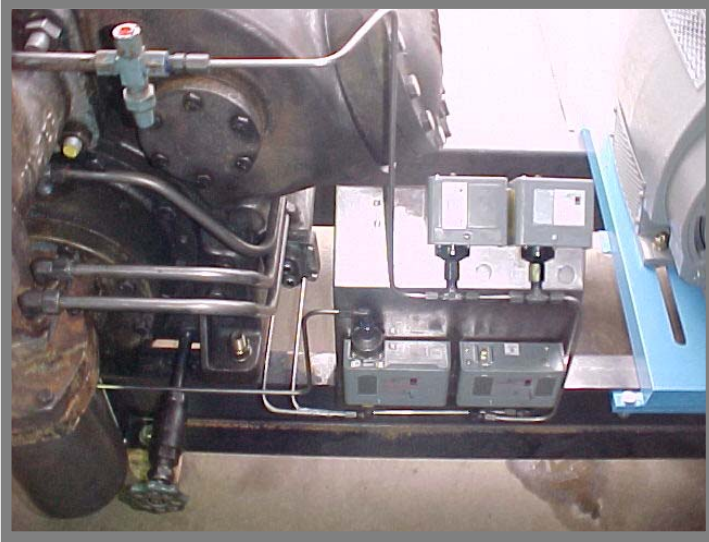
- Suction Valves
- Discharge Valves (Diaphragms)
- Helical Springs
- Oil Rings
- Compression Rings
- Rod Bearings
- Genuine John Crane® Shaft Seals (Pictured)
- Main Head Springs
- Unloader Piston Rings
- Locking Nuts
- All Gaskets and O-Rings
- Stainless Steel Oil Cooler
- Control Switches

As previously mentioned, all machinable parts (Liners, Safety Heads, Etc.) are machined if they are within specifications. They are replaced with new components if they fail to meet our strict ARESCO standards. Remember that we use the same parts that are now available to you for deeply discounted prices. Call Toll Free at 1-877-ARESCO-1 (1-877-273-7261) for details and pricing.



Installing New Head Springs

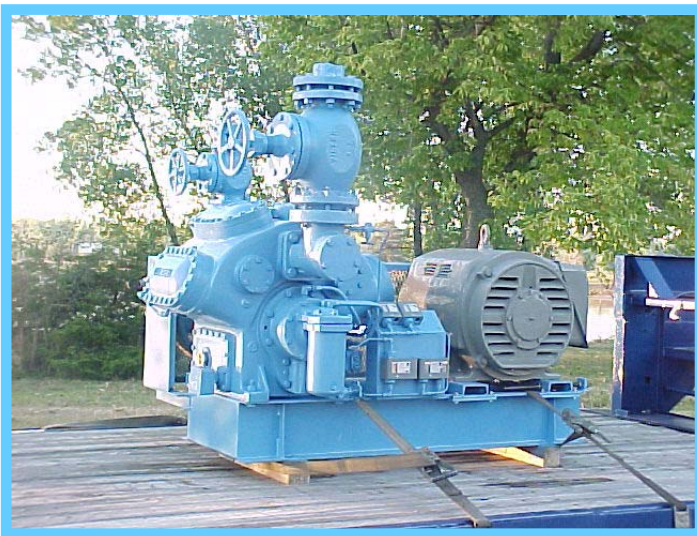




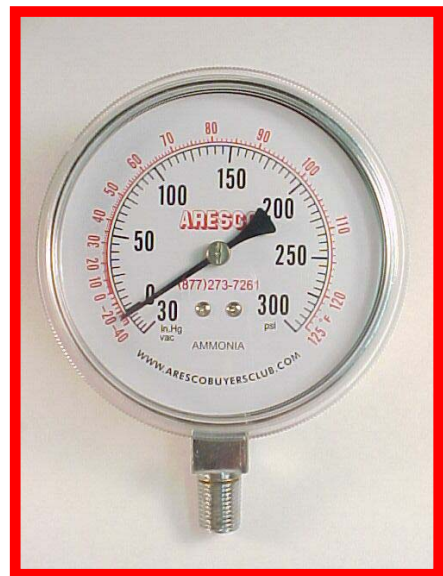
**Factory Installed Compressor  
Control Switches**

Every ARESKO compressor comes with the option of Mounted Control Switches, Oil Separator, and Reconditioned Discharge Check Valve. You can also order your ARESKO compressor with a new Motor, Motor Sheave, and Belts. ARESKO has agreements with both the Tatung and Marathon Electric motor manufacturers. Because of these arrangements, we can also pass along our outstanding OEM prices on these rugged, industrial motors to you. The possibilities are endless.

## **Trust ARESKO For All Of Your Refrigeration Needs.**



**ARESKO reconditioned Vilter® 458XL converted from a 448. Compressors that undergo 440 to 450 conversions receive almost all new parts. Not every 440 compressor can be converted. Call ARESKO for details.**



**Every ARESKO compressor comes with our high quality ARESKO chrome plated gauges. These USDA compliant gauges are the same gauges that you can buy for only \$21 each.**

## YOUR NEWLY RECONDITIONED COMPRESSOR



# ARESCO

Since 1984

Inc.

**Ammonia Refrigeration Equipment & Systems Company**

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