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### COMPANY NEWS

NEUMAN & ESSER SUPPLY  
COMPRESSORS



Ultimate Chemicals  
allows compressors to  
run while cleaning valves.

# Solutions extend component life

**T**he adage that it's generally cheaper to maintain a piece of equipment than to buy a new one is almost always true in the gas compression industry, where new equipment can easily cost hundreds of thousands of dollars. Operators have known that for decades and spend readily to maintain what they have.

Ultimate Chemicals, based in Moore, Oklahoma, has helped anyone who owns gas compression equipment to keep up maintenance with a suite of chemical products, some of which can be applied without shutting down operations. The company has two valve treatment chemical solutions: the VTR and the VTI, which stand for Valve Treatment Removed and Valve Treatment Injection.

The VTR is the company's soaking solution, designed to clean reciprocating compressor valves with a timed submersion. The timing varies depending on the condition

of the valve, but most valves can be cleaned within an hour in the solution, said David Vannostran, president at Ultimate Chemicals.

The company's VTI treatment is injected into the suction line of a reciprocating compressor while in operation and is atomized into the chamber to treat the valves without shutting down the compressor.

The application typically calls for about two quarts per day keep contamination from building up on the valves. With both treatments, the goal remains the same – keeping valves clean to maintain efficient compressor operation, mitigate costs and reduce downtime.

The two products are nearly identical, with the VTI having a few different properties to prevent any potential adverse effects on the compressor components from extended use.

In addition to extending the life of valves and other components, the VTI allows the operator to continue running the compressor.

"If you do the math, the savings add up pretty quickly," he said. "For a gathering area that deals with contamination on a daily basis, imagine cutting the cost of maintaining compressor valves in half or more. Many have flushed their scrubbers to help avoid that buildup dumping onto the valves."

The results for each customer are a bit different, as contamination varies between areas, but 95% have seen the payoff, he said.

## Eliminate cooling system guesswork

On March 1st, Ultimate Chemicals teamed-up with Lab One Inc. to launch an Enhanced Coolant Analysis (ECA) program to provide an independent, unbiased lab report viewable online. This will enable customers to see the data needed to make a fully informed decision with the best guidance to maintain and restore their cooling systems.


The ECA report will not only show the numbers, but indicate the best remedy required to restore the cooling system to zero hour. The ECA will indicate if the Preventive Maintenance Flush (PMF), Rust Removal Flush (RRF), or Heavy Duty Flush (HDF) is needed.

The Ultimate Chemicals Enhanced Coolant Analysis test kit is available at the online store. "As soon as the results are available, the customer is notified via email, and they can access the results online," Vannostran said.

Ultimate Chemicals has grown steadily in recent years and has added distributors in India, Africa and Latin America to keep up with the market interest. The company recently chose Charms Agencies as its exclusive distributor and services provider for India.

More recently, the company partnered with Furner Supply as its distributor for South America, Central America, Mexico, and Africa. Based in Houston, Texas, Furner Supply is led by Eliazar Cruz.

CT2



Ultimate Chemicals has a wide portfolio of cleaning products. Shown here is the company's Valve Treatment Removed (VTR) solution, which is designed to clean reciprocating compressor valves.