



## Low Temp Ammonia Compressor Solutions

Combine US Petrolon ALT-68SC compressor fluid with the USPI 1000AMM inline filtration system to provide the best low temperature solution for extended fluid life and asset preservation.

### USPI ALT-68SC Compressor Fluid

- Custom-blended PAO synthetic
- Extremely thermally and oxidatively stable
- -60°F fluid pour point
- Up to 70% less oil carryover
- Increased liquid pump flow
- Reduced wear and longer machine life
- Patented seal conditioner
- Combine with oil analysis and monitoring

### USPI 1000AMM Filtration System

- Removes moisture (up to 5 qts per element)
- Removes solid particles 1-3 $\mu$  and above (up to 12-14 lbs per element)
- Protects oil additive package
- Reduces operating temperature
- Significantly extends compressor and fluid life
- 15+ yrs with NO oil changes using USPI fluids



USPI S1000AMM PICTURED



## USPI ALT-68SC

USPI ALT-68SC compressor fluid is a custom-blended, highly refined, chemically inert synthetic compressor lubricant with seal conditioner. It has a unique PAO synthetic structure, making it extremely thermally and oxidatively stable. It is designed for applications that require extra low temperature protection. It provides better lubricity than conventional refrigeration oils for reciprocating, rotary screw and vane compressors.



## USPI 1000AMM Filtration System

This in-line, kidney-loop filtration system coupled with our depth style filter elements will eliminate unnecessary oil changes, increase productivity and provide cost savings.

### SPECIFICATIONS:

- 300 PSI ASME UM-Rated powder coated vessel
- Steel piping
- Flow meter (sized to unit)
- Pressure gauges to monitor element pressure differential
- Oil sampling port
- Flow control device

### SIZES & DIMENSIONS:

S1000AMM (Reservoirs ~1-120 gal): 19"W x 42"H x 18"D, 85 lbs.  
D1000AMM (Reservoirs ~121-240 gal) : 25.5"W x 42"H x 18"D, 135 lbs.  
T1000AMM( Reservoirs ~241-390 gal): 38.5"W x 42"H x 18"D, 215 lbs.  
custom-sized units available

USPI D1000AMM PICTURED



## USPI AFA Series Filter Element

US Petrolon's depth filter elements utilize a patented non-channeling element design that improves filtration by forcing oil through a wound filter media, preventing fluids from bypassing the filter element. This allows the USPI AFA elements to remove water as well as contaminants 1-3 microns and greater while protecting the fluid's additive package.

### SPECIFICATIONS:

- Removes solid particles 1-3 microns and above
- Holds up to 12-14 lbs of solid particulate per element
- Holds up to 5 qts of water per element