



US Petrolon Industrial

Food Grade Air Compressor Solutions

Combine US Petrolon FG AIR 46 compressor fluid with the USPI 1000 H/C inline filtration system to provide a superior food-grade solution for extended fluid life and asset preservation.

USPI FG AIR 46 Fluid

- Greatly extended drain intervals
- Increased compressor bearing life
- Increased varnish resistance
- Superior rust & oxidation stability
- Free comprehensive quarterly oil analysis and monitoring



USPI 1000H/C Filtration System

- Removes moisture (up to 5 qts per element)
- Removes solid particles 1-3 μ and above (up to 12-14 lbs per element)
- Protects and preserves oil additive package
- Reduces operating temperature
- Significantly extends compressor and fluid life



USPI FG AIR 46

This H-1 Food Grade certified screw air compressor fluid is a custom-blended polyalphaolefin (PAO) synthetic fluid. It gives improved lubrication at high and low temperatures, reduced volatility, and compatibility with mineral oils and equipment designed for use with mineral oils. It is a long life lubricant especially formulated with rust and oxidation inhibitors for flooded screw compressors. USPI includes free quarterly comprehensive oil analysis with this fluid.



USPI 1000H/C 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:

- Chrome-plated steel filter housing
- Steel mounting bracket
- Stainless steel ball valves
- Drain & air bleed valves
- Stainless and steel piping
- Pressure gauges to monitor element pressure differential
- Oil sample port
- Pressure regulating valve
- Pressure relief valve
- Dimensions: 12"Wx36"Hx12"D
- Weight: ~35 lbs.



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