



Air Compressor Solutions

Combine US Petrolon AIR 46 compressor fluid with the USPI 1000 H/C inline filtration system to provide the best solution for extended fluid life and asset preservation.

USPI AIR 46 Fluid

- Greatly extended drain intervals
- Cannot varnish
- High temp. performance (250°F+)
- Lubricates effectively with up to 2000ppm water content
- Increased compressor bearing life
- 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 AIR 46

USPI AIR 46 is a custom-blended proprietary long life synthetic lubricant. It is ideal for rotary screw air compressor applications where oil is exposed to elevated temperatures for extended periods of time. Accelerated tests show at least four times the life of conventional diester oils. It will not leave varnish or create sludge as do polyalphaolefin or mineral oil based products. 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