



# US Petrolon Industrial

## Food Grade Vacuum Pump Solutions

Combine US Petrolon MAX FG VAC 100 vacuum pump fluid with the USPI 88SV inline filtration system to provide the best food-grade solution for extended fluid life and asset preservation.

### USPI MAX FG VAC 100 Oil

- Greatly extended drain intervals over all other H-1 food grade oils
- 4x the acid (TAN) and varnish resistance
- 3x the moisture level (800-1000ppm)
- Higher operating temperatures (up to 230°F)
- Superior rust & oxidation stability
- Increased vacuum pump life
- Free comprehensive quarterly oil analysis and monitoring

### USPI 88SV 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 pump and fluid life





## USPI MAX FG VAC 100

This H-1 Food Grade certified vacuum pump fluid is specifically designed for the demanding conditions in vacuum pumps. It provides high temperature performance up to 230°F, with quadruple TAN and varnish resistance, and it lubricates effectively with up to three times higher water content. USPI includes free quarterly comprehensive oil analysis with this fluid.



## USPI 88SV 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
- Powder-coated steel mounting bracket & frame
- Stainless and steel piping
- Oil sample port
- Pressure relief valve
- Drain & air bleed valves
- Pressure gauge to monitor element pressure differential
- Pump: 1 GPM
- Motor: Choose between 120/240V 1Ph. or 230/460V 3Ph.
- Dimensions: 18.25"Wx46"Wx18"D
- Weight: ~85 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