



US PETROLON

LUBRICATION & FILTRATION CATALOG

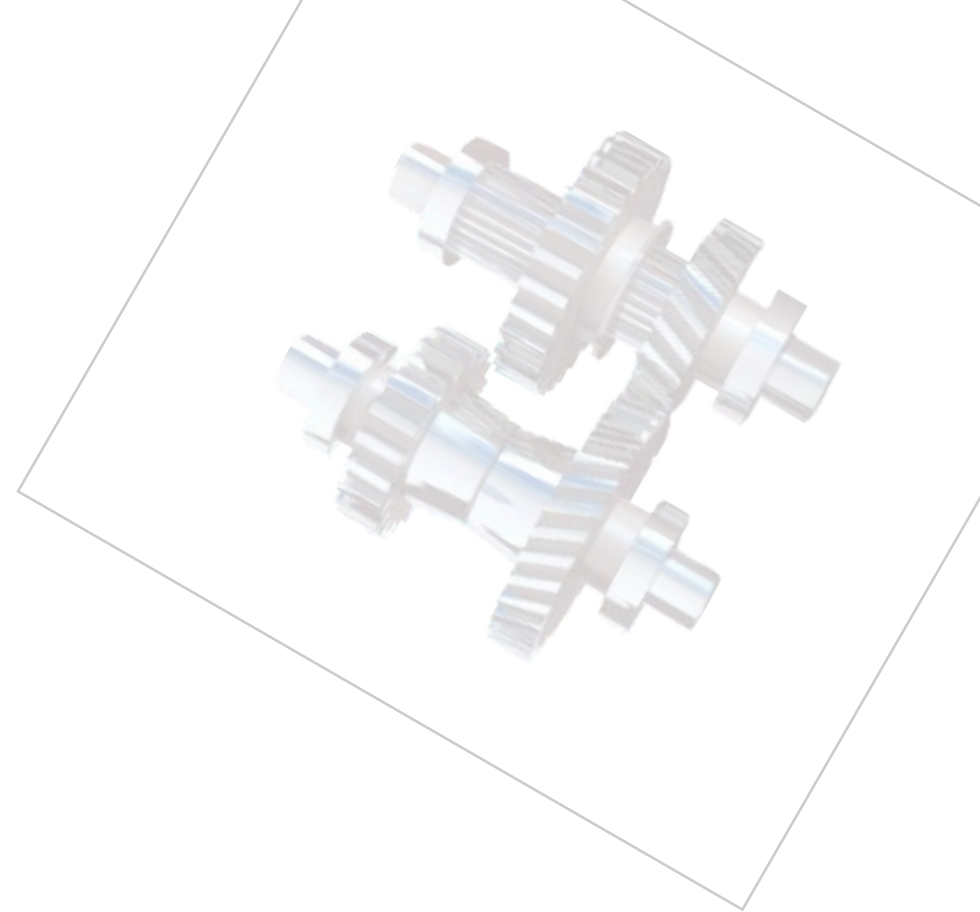
www.uspetrolon.com



IMPROVING MACHINERY LIFE
WITH
SPECIALTY LUBRICANTS
AND
FILTRATION

447 n. 66th unit 3 • lincoln, ne 68505
phone. 800 755 4572 **fax.** 402 423 6661

sales@uspetrolon.com
www.uspetrolon.com



about us

The Company

US Petrolon Industrial (USPI) has been custom designing and filtering fluids of all types for over 30 years. Our knowledge and practical experience ensures that the USPI fluids and ultra-fine filtration in your Oil Filtration & Lubrication Program will be the finest available with today's technology.

The Program

The USPI Oil Filtration & Lubrication Program uniquely combines our expertise and service, our high quality lubricants, and our ultra-fine particulate and water-removing depth filtration systems to maximize your lubricant and equipment life. USPI programs have been proven to reduce downtime, decrease labor and disposal costs, and maximize asset preservation.

The Service

Service is the cornerstone of our business. We will partner with you to create a custom-tailored oil filtration & lubrication program and assist you with managing and sustaining that program. Contact us to arrange a plant audit and inspection of your existing operation at no charge.



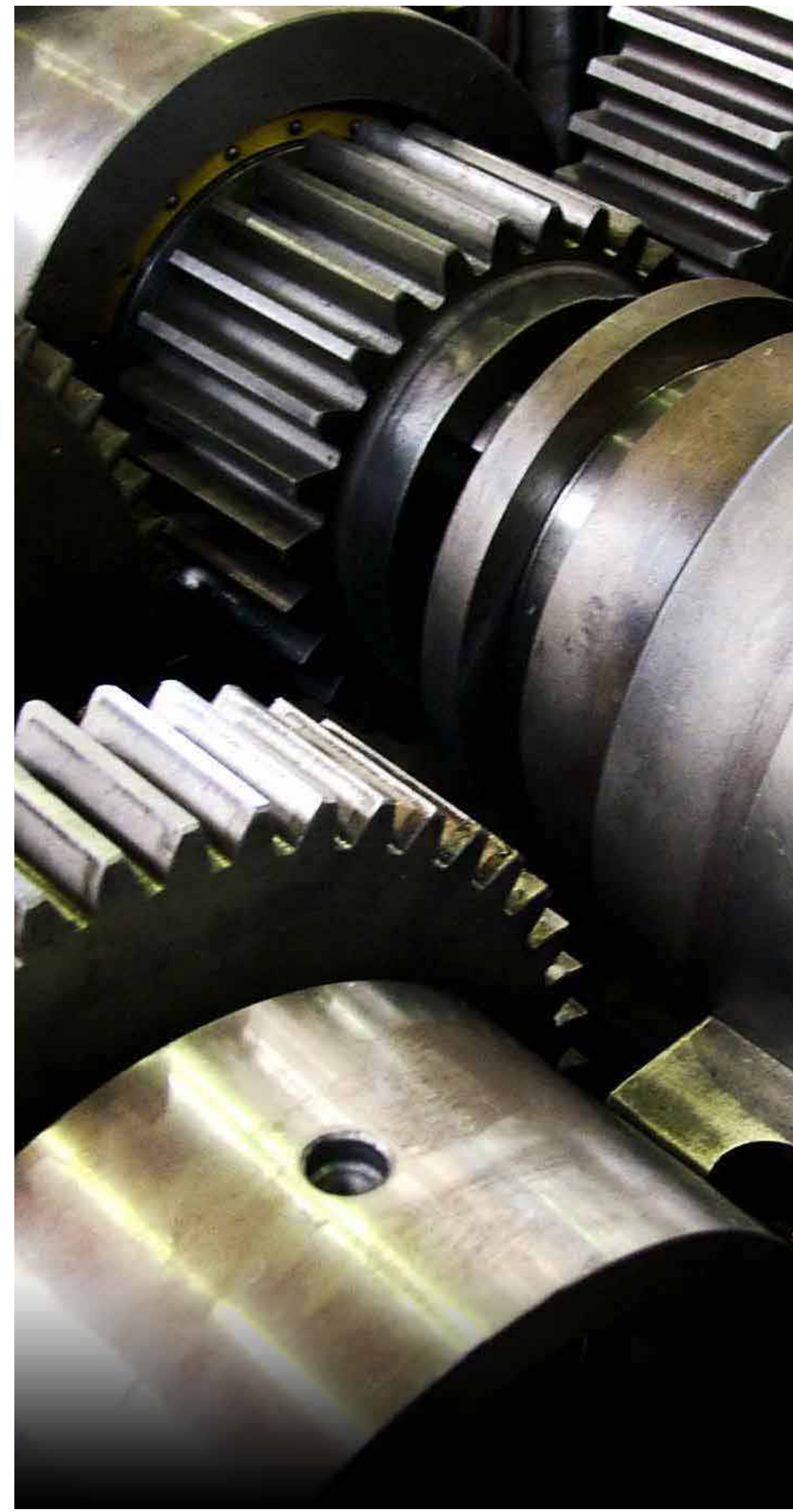
FILTERS

US Petrolon Filter Elements

depth filter elements + oem replacement filters

USPI depth filter elements work with our filtration systems to keep your industrial lubricants clean and dry to extend both equipment and fluid life.

USPI OEM replacement filters provide a high-quality cost-effective alternative for your OEM filter needs.





USPI AFA Elements

Provides depth filtration for a wide range of fluid types including: ammonia, air compressor, freon, vacuum pump, transmission, turbine, transformer, and hydraulic.

SPECIFICATIONS:

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

USPI GO Elements

Provides depth filtration for gear fluids.

SPECIFICATIONS:

Removes solid particles 3-10 microns and larger
Holds up to 12-14 lbs of solids per element
Holds up to 5 qts of water per element

USPI HYD Elements

Provides depth filtration for a wide range of fluid types including: hydraulic, turbine, transformer and transmission.

SPECIFICATIONS:

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

USPI GLY Elements

Provides depth filtration for glycol fluids.

SPECIFICATIONS:

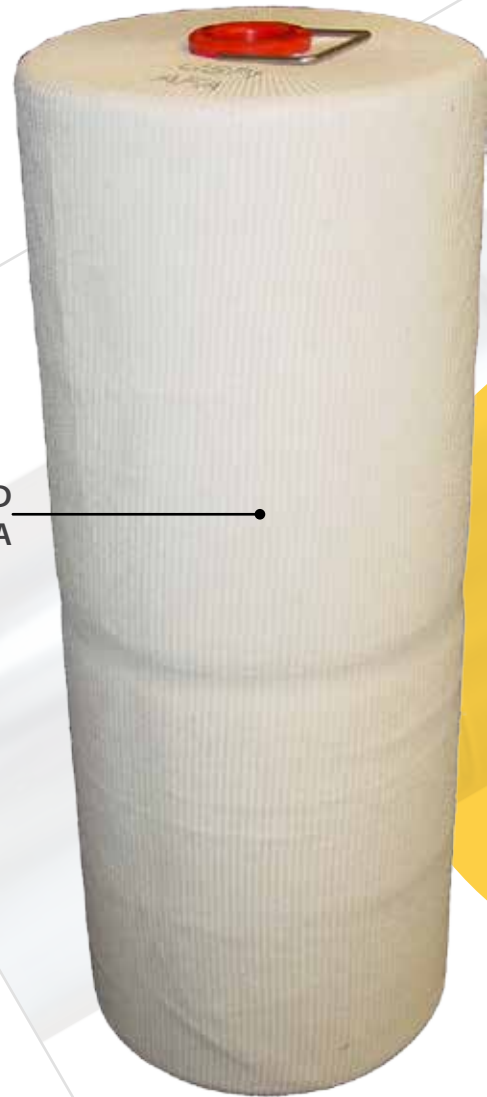
Removes solid particles 1-3 microns and larger
Holds up to 12-14 lbs of solids per element
Does NOT remove water from the fluid

US Petrolon Depth Filter Elements

US Petrolon's depth filter elements are the best way to improve equipment cleanliness levels. US Petrolon filtration systems use our depth filters to remove virtually all contaminants 1-3/3-5 microns (depending on element type) and greater in the fluid.

USPI Depth Filter Element

- Removes solid particles 1-3/3-5 μ and above (up to 12-14 lbs per element)
- Removes moisture (*some elements) (up to 5 qts per element)
- Protects oil additive package
- High temp (350°F) option available
- Use with USPI filtration systems



PATENTED WOUND
FILTER MEDIA

USPI AFA-2 Filter Element

- Removes moisture (up to 5 qts per element)
- Removes solid particles 1-3 μ and above (up to 12-14 lbs per element)
- Protects oil additive package
- High temp (350°F) option available
- Use with USPI filtration systems

US Petrolon AFA-2 Depth Filter Element

US Petrolon's depth filter elements are the best way to improve equipment cleanliness levels. US Petrolon utilizes a patented non-channeling element design. This improves filtration by forcing oil through a wound filter media, thus preventing fluids from bypassing the filter element. As a result, US Petrolon filters remove virtually all contaminants 1~3 microns and greater in the fluid.

APPLICATIONS:

AFA-2 elements can be used with mineral-based, semi-synthetic and synthetic lubricants for:
Air Compressors • NH3 Compressors
Vacuum Pumps • Hydraulic Systems
Turbines • Engines

VISCOSITIES: 22-100 ISO, based on fluid type

RETURN ON INVESTMENT:

Depth filtration with USPI AFA-2 elements provide a rapid return on investment by:

- Reducing oil purchases
- Increasing equipment efficiencies
- Lowering maintenance labor time and cost
- Increasing OEM filter life
- Extending equipment life

USPI also offers **OEM Replacement Filters** that meet or exceed manufacturer specifications at significantly lower costs



USPI Separators

US Petrolon separator filters are the simple way to avoid contamination, keeping compressed air clean and oil-free in your expensive equipment. Our coalescing separator filters provide the highest level of clean, compressed air with a minimum loss of energy (pressure drop).

SPECIFICATIONS:

- All metal frame (core & end caps)
- Specialized sealing
- 30% more media than most separators
- Extended interval changes
- 99.97% efficiency @ .30 microns



USPI Coalescers

Through the selection of appropriate coalescing materials and sealing methods, US Petrolon's advanced line of coalescing filters guarantees your refrigeration compressor systems a rare blend of exceptional performance, proven reliability and uncommon value allowing your equipment to operate correctly with minimal operational upkeep.

SPECIFICATIONS:

- All metal frame (core & end caps)
- Specialized sealing
- 30% more media than most coalescers
- Extended interval changes
- 99.97% efficiency @ .30 microns



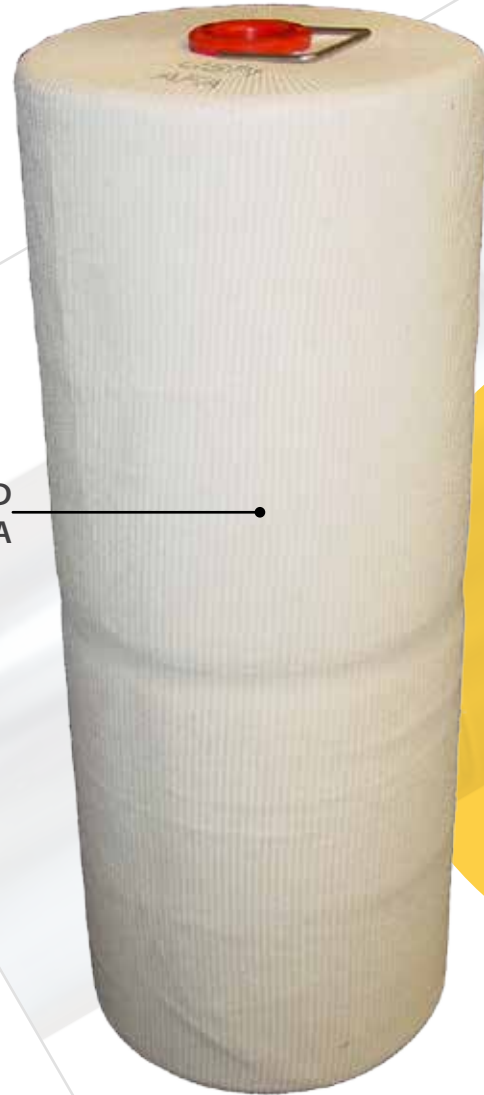
USPI Exhaust Filters

Oil mist is generated by vacuum pumps for a variety of reasons. The most common cause is operating the pump by pumping against an "open" or leaky system. US Petrolon exhaust filters are optimized to suit all operating conditions of the vacuum pump and ensures oil-mist-free exhaust gas (degree of separation over 99.9%) even at high intake pressures and when pumping vapors.

SPECIFICATIONS:

- All metal frame (core & end caps)
- Specialized sealing
- 30% more media than most coalescers
- Extended interval changes
- 99.97% efficiency @ .30 microns

PATENTED WOUND
FILTER MEDIA



USPI AFA-3 Filter Element

- Removes moisture (up to 5 qts per element)
- Removes solid particles 1-3 μ and above (up to 12-14 lbs per element)
- Protects oil additive package
- High temp (350°F) option available
- Use with USPI filtration systems

US Petrolon AFA-3 Depth Filter Element

US Petrolon's depth filter elements are the best way to improve equipment cleanliness levels. US Petrolon utilizes a patented non-channeling element design. This improves filtration by forcing oil through a wound filter media, thus preventing fluids from bypassing the filter element. As a result, US Petrolon filters remove virtually all contaminants 1~3 microns and greater in the fluid.

APPLICATIONS:

AFA-3 elements can be used with mineral-based, semi-synthetic and synthetic lubricants for:
Air Compressors • NH₃ Compressors
Vacuum Pumps • Hydraulic Systems
Turbines • Engines

VISCOSITIES: 22-100 ISO, based on fluid type

RETURN ON INVESTMENT:

Depth filtration with USPI AFA-3 elements provide a rapid return on investment by:

- Reducing oil purchases
- Increasing equipment efficiencies
- Lowering maintenance labor time and cost
- Increasing OEM filter life
- Extending equipment life

USPI also offers **OEM Replacement Filters**
that meet or exceed manufacturer specifications at significantly lower costs



USPI Separators

US Petrolon separator filters are the simple way to avoid contamination, keeping compressed air clean and oil-free in your expensive equipment. Our coalescing separator filters provide the highest level of clean, compressed air with a minimum loss of energy (pressure drop).

SPECIFICATIONS:

- All metal frame (core & end caps)
- Specialized sealing
- 30% more media than most separators
- Extended interval changes
- 99.97% efficiency @ .30 microns



USPI Coalescers

Through the selection of appropriate coalescing materials and sealing methods, US Petrolon's advanced line of coalescing filters guarantees your refrigeration compressor systems a rare blend of exceptional performance, proven reliability and uncommon value allowing your equipment to operate correctly with minimal operational upkeep.

SPECIFICATIONS:

- All metal frame (core & end caps)
- Specialized sealing
- 30% more media than most coalescers
- Extended interval changes
- 99.97% efficiency @ .30 microns



USPI Exhaust Filters

Oil mist is generated by vacuum pumps for a variety of reasons. The most common cause is operating the pump by pumping against an "open" or leaky system. US Petrolon exhaust filters are optimized to suit all operating conditions of the vacuum pump and ensures oil-mist-free exhaust gas (degree of separation over 99.9%) even at high intake pressures and when pumping vapors.

SPECIFICATIONS:

- All metal frame (core & end caps)
- Specialized sealing
- 30% more media than most exhaust filters
- Extended interval changes
- 99.97% efficiency @ .30 microns

PATENTED WOUND
FILTER MEDIA



USPI GO Filter Element

- Removes moisture (up to 5 qts per element)
- Removes solid particles 3-10 μ and above (up to 12-14 lbs per element)
- Protects oil additive package
- High temp (350°F) option available
- Use with USPI filtration systems

US Petrolon GO Depth Filter Element

US Petrolon's depth filter elements are the best way to improve equipment cleanliness levels. US Petrolon utilizes a patented non-channeling element design. This improves filtration by forcing oil through a wound filter media, thus preventing fluids from bypassing the filter element. As a result, US Petrolon filters remove virtually all contaminants 3-5 microns and greater in the fluid.

APPLICATIONS:

GO elements can be used with mineral-based, semi-synthetic and synthetic gear oils.

VISCOSITIES: 220-680 ISO gear oils

RETURN ON INVESTMENT:

Depth filtration with USPI GO elements provide a rapid return on investment by:

- Reducing oil purchases
- Increasing equipment efficiencies
- Lowering maintenance labor time and cost
- Increasing OEM filter life
- Extending equipment life

use your USPI GO Depth Filter Elements with...



USPIFLUIDS

USPI offers a complete line of custom-formulated synthetic and semi-synthetic lubricants for a wide range of industrial applications, from ammonia and air compressors to vacuum pumps, hydraulic systems, gearboxes, and other pumps and presses. H-1 food grade and non-food grade options are available.



OILSAMPLING

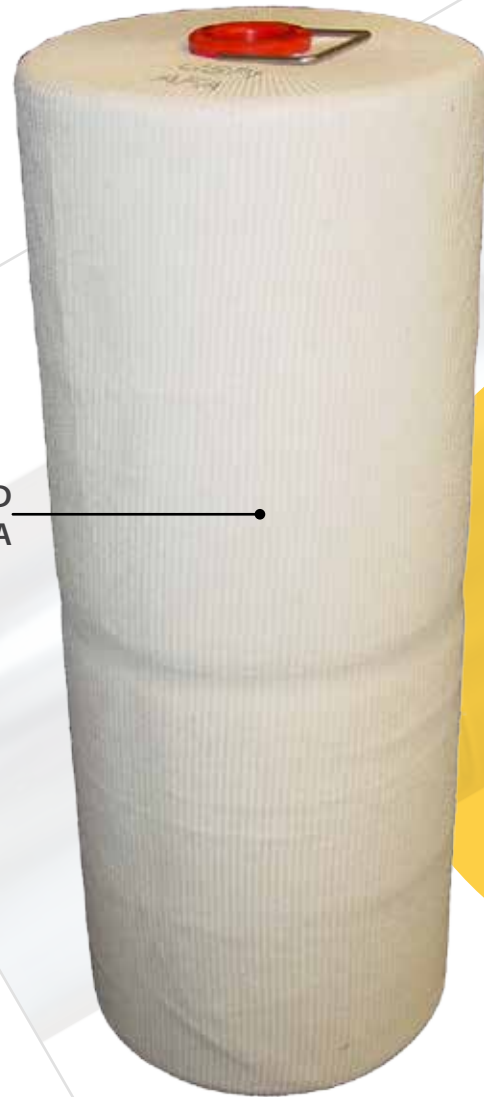
USPI recommends comprehensive quarterly oil analysis with our industrial lubricants. Independent oil analysis will help you make condition-based decisions in a predictive-proactive maintenance program.



USPIUNITS

USPI filtration systems can be installed on any oil-lubricated equipment to provide cost savings by lowering maintenance costs, reducing oil purchases and disposals, and preserving your assets.

PATENTED WOUND
FILTER MEDIA



USPI HYD Filter Element

- Removes moisture (up to 5 qts per element)
- Removes solid particles 1-3 μ and above (up to 12-14 lbs per element)
- Protects oil additive package
- High temp (350°F) option available
- Use with USPI filtration systems

US Petrolon HYD Depth Filter Element

US Petrolon's depth filter elements are the best way to improve equipment cleanliness levels. US Petrolon utilizes a patented non-channeling element design. This improves filtration by forcing oil through a wound filter media, thus preventing fluids from bypassing the filter element. As a result, US Petrolon filters remove virtually all contaminants 1~3 microns and greater in the fluid.

APPLICATIONS:

HYD elements can be used with mineral-based, semi-synthetic and synthetic lubricants for:
Hydraulic Systems • Turbines
Transmissions • Transformers

VISCOSITIES: 22-68 ISO, based on fluid type

RETURN ON INVESTMENT:

Depth filtration with USPI HYD elements provide a rapid return on investment by:

- Reducing oil purchases
- Increasing equipment efficiencies
- Lowering maintenance labor time and cost
- Increasing OEM filter life
- Extending equipment life

use your USPI HYD Depth Filter Elements with...



USPIFLUIDS

USPI offers a complete line of custom-formulated synthetic and semi-synthetic lubricants for a wide range of industrial applications, from ammonia and air compressors to vacuum pumps, hydraulic systems, gearboxes, and other pumps and presses. H-1 food grade and non-food grade options are available.

OILSAMPLING

USPI recommends comprehensive quarterly oil analysis with our industrial lubricants. Independent oil analysis will help you make condition-based decisions in a predictive-proactive maintenance program.

USPIUNITS

USPI filtration systems can be installed on any oil-lubricated equipment to provide cost savings by lowering maintenance costs, reducing oil purchases and disposals, and preserving your assets.



USPI Coalescer Element

- OEM quality at substantially lower cost
- All metal frame (core & end caps)
- Specialized sealing
- 30% more media than most coalescers
- Extended interval changes
- 99.97% efficiency @ .30 microns

US Petrolon Coalescer Elements

Special inorganic materials are required for the construction of properly functioning oil separators in refrigeration compressor packages. In these units, gases other than air (such as freon or ammonia) are being compressed and mixed with lubricating oil which still must be removed prior to use of the gas.

Through the selection of the appropriate coalescing materials and sealing methods used, US Petrolon's advanced line of coalescing filters guarantees your refrigeration compressor systems a rare blend of exceptional performance, proven reliability and uncommon value allowing your equipment to operate correctly with minimal operational upkeep.

other USPI Filter Elements

USPI Depth Filters

For use with USPI filtration systems, US Petrolon's depth filter elements are the best way to improve equipment cleanliness levels. US Petrolon utilizes a patented non-channeling element design to force oil through a wound filter media, preventing fluids from bypassing the filter element. As a result, US Petrolon depth filters remove virtually all contaminants 1-3 microns and greater.

SPECIFICATIONS:

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



USPI Separators

US Petrolon separator filters are the simple way to avoid contamination, keeping compressed air clean and oil-free in your expensive equipment. Our coalescing separator filters provide the highest level of clean, compressed air with a minimum loss of energy (pressure drop).

SPECIFICATIONS:

- All metal frame (core & end caps)
- Specialized sealing
- 30% more media than most separators
- Extended interval changes
- 99.97% efficiency @ .30 microns



USPI Exhaust Filters

Oil mist is often generated by vacuum pumps for a variety of reasons. The most common cause is operating the pump by pumping against an "open" or leaky system. US Petrolon exhaust filters are optimized to suit all operating conditions of the vacuum pump and ensures oil-mist free exhaust gas (degree of separation over 99.9%) even at high intake pressures and when pumping vapors.

SPECIFICATIONS:

- All metal frame (core & end caps)
- Specialized sealing
- 30% more media than most exhaust filters
- Extended interval changes
- 99.97% efficiency @ .30 microns





USPI Separator Elements

- OEM quality at substantially lower cost
- All metal frame (core & end caps)
- Specialized sealing
- 30% more media than most coalescers
- Extended interval changes
- 99.97% efficiency @ .30 microns

US Petrolon Separator Elements

US Petrolon separator filters are the simple way to avoid contamination, keeping compressed air clean and oil-free, in your expensive equipment. Our coalescing separator filters provide the highest level of clean, compressed air with a minimum loss of energy (pressure drop).

Through the selection of the appropriate grade of filtration media, and maintaining quantity, diameter and direction of individual fibers, US Petrolon's advanced line of coalescing filters guarantees your air compressor system a rare blend of exceptional performance, proven reliability and uncommon value allowing your equipment to operate correctly with minimal operational upkeep.

other USPI Filter Elements

USPI Depth Filters

For use with USPI filtration systems, US Petrolon's depth filter elements are the best way to improve equipment cleanliness levels. US Petrolon utilizes a patented non-channeling element design to force oil through a wound filter media, preventing fluids from bypassing the filter element. As a result, US Petrolon depth filters remove virtually all contaminants 1-3 microns and greater.

SPECIFICATIONS:

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



USPI Coalescers

Through the selection of appropriate coalescing materials and sealing methods, US Petrolon's advanced line of coalescing filters guarantees your refrigeration compressor systems a rare blend of exceptional performance, proven reliability and uncommon value allowing your equipment to operate correctly with minimal operational upkeep.

SPECIFICATIONS:

- All metal frame (core & end caps)
- Specialized sealing
- 30% more media than most coalescers
- Extended interval changes
- 99.97% efficiency @ .30 microns



USPI Exhaust Filters

Oil mist is often generated by vacuum pumps for a variety of reasons. The most common cause is operating the pump by pumping against an "open" or leaky system. US Petrolon exhaust filters are optimized to suit all operating conditions of the vacuum pump and ensures oil-mist free exhaust gas (degree of separation over 99.9%) even at high intake pressures and when pumping vapors.

SPECIFICATIONS:

- All metal frame (core & end caps)
- Specialized sealing
- 30% more media than most exhaust filters
- Extended interval changes
- 99.97% efficiency @ .30 microns





USPI Exhaust Filters

- OEM quality at substantially lower cost
- All metal frame (core & end caps)
- Specialized sealing
- 30% more media than most coalescers
- Extended interval changes
- 99.97% efficiency @ .30 microns

US Petrolon Exhaust Filters

Oil mist is often generated by vacuum pumps for a variety of reasons. The most common cause is operating the pump by pumping against an "open" or leaky system. US Petrolon exhaust filters are optimized to suit all operating conditions of the vacuum pump and ensures oil-mist free exhaust gas (degree of separation over 99.9%) even at high intake pressures and when pumping vapors.

Through the selection of the appropriate coalescing materials and sealing methods used, US Petrolon's advanced line of coalescing filters guarantees your vacuum pumps a rare blend of exceptional performance, proven reliability and uncommon value allowing your equipment to operate correctly with minimal operational upkeep.

other USPI Filter Elements

USPI Depth Filters

For use with USPI filtration systems, US Petrolon's depth filter elements are the best way to improve equipment cleanliness levels. US Petrolon utilizes a patented non-channeling element design to force oil through a wound filter media, preventing fluids from bypassing the filter element. As a result, US Petrolon depth filters remove virtually all contaminants 1-3 microns and greater.

SPECIFICATIONS:

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



USPI Coalescers

Through the selection of appropriate coalescing materials and sealing methods, US Petrolon's advanced line of coalescing filters guarantees your refrigeration compressor systems a rare blend of exceptional performance, proven reliability and uncommon value allowing your equipment to operate correctly with minimal operational upkeep.

SPECIFICATIONS:

- All metal frame (core & end caps)
- Specialized sealing
- 30% more media than most coalescers
- Extended interval changes
- 99.97% efficiency @ .30 microns



USPI Separators

US Petrolon coalescing separator filters are the simple way to avoid contamination, keeping compressed air clean and oil-free, in your expensive equipment. Our coalescing separator filters provide the highest level of clean, compressed air with a minimum loss of energy (pressure drop).

SPECIFICATIONS:

- All metal frame (core & end caps)
- Specialized sealing
- 30% more media than most separators
- Extended interval changes
- 99.97% efficiency @ .30 microns





US Petrolon Industrial

447 N. 66th Unit 3 • Lincoln, NE 68505
phone. 800 755 4572 **fax.** 402 423 6661

sales@uspetrolon.com
www.uspetrolon.com