

OPTIMIZING FILTRATION FOR RELIABLE PULP & PAPER INDUSTRY

Making the
Industry Reliable,
Safety & More
Productive

www.venefilter.com



YOUR INDUSTRIAL FILTRATION SOLUTION PROVIDER

At Venefilter, we are proud to be a leading total absolute efficiency filtration Beta(x)=4.000 solution supplier, offering a comprehensive range of filtration technologies nationwide. With a strong focus on customer value, we aim to provide engineered process solutions that reduce overall filtration costs and improve profitability for our customers.



Our Absolute Efficiency Hydraulic and lubricants Filtration Solutions

Beta(x)=4.000 with more than 500.000 cross references to PALL, PARKER, HYDAC, EPE, MP FILTRI, MAHLE, FILTREC, DONALDSON, EATON, INDUFIL, and more.

We offer a wide range of oil filtration solutions for various industries, ensuring clean, dry and reliable lubricants and fuel diesel quality.

Skid Filtration: Our skid filtration technologies provide effective contamination control for lubrication systems and ensure product purity.

Air Breather Filtration: From industrial air pollution filtration to specialized tank breather applications, our solutions deliver efficient beta(x)=4.000 and reliable filtration performance.



High Vacuum oil Purification System: Our Oil purifier units remove 95% of emulsify water and 90% free water, and particles with beta(x)=4.000 filter efficiency to reach ISO4406.99 Standard. Our efficiency filter media prolong the lifespan of equipment.

Water Process Filtration self cleaning to keep running your systems 24/7 365 day non stop. Our Tri Edge wire profile assure to remove high solid and fiber in your cooling system. from 5 microns up to 3.000 microns.

We believe that filtration is not a one-size-fits-all solution. At Venefilter, we customize our approach to meet the unique filtration challenges of each customer. With a deep understanding of filtration and extensive experience in the industries, we evaluate your process applications to deliver tailored plans for improved safety, absolute filtration efficiency, and reliability.

Customer Commitment

Your success is our success. We are dedicated to continuously improving your operations and bottom line.



Benefits of Venefilter Absolute Filtration:

Risk Mitigation: Proper filtration at critical points reduces risks in Pulp & Paper manufacturing process, ensuring smooth operations and maximizing business performance.

Customized Solutions: We work closely with customers to understand their unique challenges and develop tailored filtration strategies for maximum efficiency and effectiveness.

Reliability and Efficiency: Venefilter's filtration products provide the durability and reliability needed for seamless and efficient operations.

Enhanced Product Quality: Our filtration solutions remove impurities, ensuring the quality and purity of chemical products.

Improve Hydraulics and Lubrication Operations with Proper Filtration: Boost Reliability, Efficiency, and Product Quality

At Venefilter, we recognize the crucial role of high efficient filtration and separation in your industrial processes. Our comprehensive range of filtration and separation solutions is designed to enhance the reliability of your operations and ensure the production reliability

Running a successful industrial business means continuously facing challenges such as process performance optimization, controlling operating costs, and improving end-product quality. Whether you need to remove contaminants, enhance process streams, or safeguard critical downstream equipment, Venefilter has the expertise and solutions to meet your specific needs. By leveraging our industry-leading resources, technologies, and over 20 years of experience, we deliver tailored lubricants, fuel diesel, water, air, gas, dust, and many filtration solutions that enhance process efficiency and overall business performance.

In lubricants processing, filtration planning is vital for success and protection. Even minor deficiencies in filtration can lead to costly implications, including lower productivity, compromised quality, significant maintenance expenses, or unplanned operational downtime. The impact might not always be immediately apparent, making it crucial to address these risks proactively.

By implementing proper absolute filtration at critical points in your industrial processes, you can mitigate these risks. At Venefilter, we invest time to understand your unique filtration challenges and process requirements. We then leverage our extensive experience and cutting-edge technologies to develop a comprehensive filtration plan that fulfills all your application needs. Our goal is to improve your bottom line by enhancing reliability, efficiency, and product quality



HELPING YOU REACH YOUR QUALITY AND OPERATING GOALS

- Decrease operating costs
- Improve business profitability
- Reduce risks of downtime
- Reduce maintenance costs
- Provide continuous operational improvements
- Improving product quality

FILTER ELEMENTS BETA(x)=4.000

Our team at Venefilter's specializes in providing absolute **Beta(x)=4.000** Cartridges filtration, separation, solutions tailored to cross to lead brand hydraulics filters manufactures. More than **500.000 huge range alternative hydraulics filter** with improved filtration performance, enhanced product quality, and extended equipment life for a truly optimized operation

Some Alternative Brand Served:



HYDRAULICS AND LUBE FILTER ASSEMBLY

Venefilter specializes in providing advanced filtration units solutions designed to address the challenges faced by hydraulics and lubrication application. Our products are specifically developed to help you manage your operations efficiently and ensure the production of on-spec products, even in the face of fluctuating feed quality and contamination levels. Our Manufacture support as Schroeder Industries, Hypro, Donaldson, Donaldson GTS, Donaldson Ultra Filter and Our lead brand Venefilter, will offer wide range of filter systems to preventing contaminants and impurities in your lubricants and fuel fluid. Our solutions minimize the costs associated with off-spec product application and damage to process equipment

Applications Served:

- Very High Pressure Hydraulics Filter > 20.000 psi
- High Pressure Hydraulics Filter
- Medium Pressure Hydraulics Filter
- Low Pressure Hydraulics Filter
- Pressure Line Filter
- Return Line Filter
- Intank Filter
- Duplex Filter
- Hydraulic and lubricating fluids
- Oil/water Emulsions
- Phase separation Diesel Fuels (liquid/liquid)

FILTRATION LUBRICANTS AND FUEL UNITS

We understand the challenges faced by hydraulics, lubrications and fuel systems particles contamination to performance standards. Our tailored filtration system solutions are designed to optimize your manufacturing processes, reduce contamination, and improve overall reliable process. Whether your industry process for hydraulics or lube systems we offer solution in Beloit, Valmet, Krones Bearing Lubrication System, Steam Turbines Lubrication System, Filtration Cooling system for water process. Our expertise can help you overcome process inefficiencies and achieve optimal results.

Applications Served:

- Kidney Loop Filtration system
- Duplex filtration System
- Fuel Bulk filtration System
- Oil/Water Emulsion Filtration System
- Lubrication Filtration Units
- Final product filtration/clarification

OIL PURIFICATION VACUUM DRY

Venefilter specializes in oil purification units. As representative of Schroeder Industries, Donaldson Hypro and Venefilter we provide a wide range of oil Vacuum and coalescing filtration purification units. Many industries process manufacture contaminating the oil with high water and particles. To keep the lubricants oil oil dry and clean, we provide high vacuum oil purifier with high filter beta(x)=4.000 filtration solution. We can remove from 10.000 ppm of water concentration to 20 ppm in few hours. From ISO code 440.6.99 25/24/22 to 13/10/9 in minutes. Improve your production quality, and reduce operating costs. By optimizing your processes and ensuring the right product is used in the right application, we help you maximize your bottom line.

Applications Served:

- Oil Steam Turbines
- Dielectric Transformer Oils
- Recover Oil Application
- Press Paper Lubrication System
- Hydraulics Power Unit
- Hydro Pulper Gear Box Filtration System

VARNISH and ACID OIL REMOVAL

Venefilter specializes in providing Ion exchange resin technology to remove varnish or recover anti-oxidant stability with a wide range of filtration technologies that ensure your solutions. Oils are condemned when (AO) anti-oxidant deplete 20% or more. The Ion exchange resin remove molecular oxidation soluble contamination and recover the oxidant stability of the oil and turbines application or EHC servo control to keep health oil system and efficiency. However, our commitment extends beyond that. We strive to help our customers achieve their operational goals in a safe and responsible manner.

Applications Served:

- Compressor Lubrication System
- EHC servo control systems
- Continuous Roller Bearing Lube and Hydraulic Press System
- Line Shaft Steam Turbines Lubrication System
- Gas Turbines Lubrication System
- Centralized Automatic Lubrication System
- Press Bearing Lubrication System

DELIVERING VALUE, QUALITY AND SOLVING CUSTOMER CHALLENGES

Increased Production Rates: Our innovative filtration technologies enhance the efficiency of your polymer production, allowing for higher production rates without compromising quality.

Cost Reduction: By implementing our alternative Absolute Efficiency Beta(x)=4.000 technologies, you can reduce maintenance costs and eliminate the need for capital expenditures related to wastewater treatment.

Enhanced Filtration Efficiency: We improve the performance of your filtration systems by optimizing microfiber glass media and throughput, resulting in improved

Reduced Unit Costs: By recommending and implementing alternative liquid filtration technology for hydraulics and lubrication applications, we can significantly reduce your total annual unit costs by up to 80%.

Improved Filtration Performance: Our innovative filtration technologies enhance the performance of deep well filtration systems, offering extended filter life, reduced maintenance requirements, lower cost per unit, and decreased waste.

Enhanced Ink Jet Filtration: We provide alternative technology solutions that improve varnish and acid removal ion exchange resin, ensuring the highest quality lubricant stability for your turbines applications.

FILTRATION SOLUTIONS



Filter Element Beta(x)=4.000

Pleated Cartridges
99.99% Efficiency
pleated Filter
cartridges. Micro
fiberglass to cross a
wide range
alternatives for Pall,
Parker, Hydac, EPE,
Eaton, and many more



Liquid Process Housings

Bag Filter Housings
Cartridge Filter Housings
Single and Multi-Round
Available with ASME-U Stamp
Carbon Steel and Stainless Steel
Custom Engineered Designs
Rental Vessels Available



Air Breather Tank

High Efficiency Tank Air
Breather
Silica Gel Humidity Control
Air Breather
High Dust Filter Air
breather



Hydraulic Filtration

Spin On Hydraulic Filters
Hydraulic Housings
Cartridge Style Hydraulic Filters
Low/Medium/High Pressure Options
Wide Range of Filter Media's
Beta α =4000, Desiccant Tank
Breathers
OEM Replacements Pall, HYDAC;
Parker, Donaldson, Rexroth,
Schroeder, MP Filtri, Others



Oil Purifier High Vacuum

Oil Vacuum Purification
System Portable and
Static.
From 1GPM up to 250
GPM
Efficiency 99.98%
Beta α =4000
NEMA 4 and NEMA 7
Explosion Proof.



Filtration Systems

Vertical Pressure
Leaf Filters
Horizontal Pressure
Leaf Filters
Backwashable Filters



Fuel Diesel Conditioning System

Remove particles with
99.98% efficiency and water.
Improve your fuel injector
system. Our Fuel Diesel
conditioning from 1 GPM up
to 600 GPM ideal for large
Mining, Marine, Fleet Off High
way market.



Lubrication Filtration System

Venefilter Provide a
Lubrication
Filtration Systema
Solution. Ideal to
keep your rotating
system free
particles and
water. Call us to
evaluating your
needs



Portable Filtration Units

Venefilter offer a wide range
portable oil filtration units. From
0.5 GPM up to 90 GPM. For low
and High oil viscosity from 12 cSt
up to 800 cSt. We are specialized
in Absolute filtration Beta α =1000
and 4.000. Choose your best
solution in Nema 4 and Nema 7
Explosion proof.



Oil Analysis Lab Services Tribo-Labs

To support your
predictive/proactive
maintenance. We offer
fluid analysis services
(lubricants, grease,
fuels, and coolants. Our
tribology engineers will
support your solutions.
Contact us to:

www.tribo-labs.com

The Best Solution for Your Filtration Process

Hydraulics and lubrication system are constantly face the challenge of improving operations and delivering competitive solutions to the market. Whether you manufacture plastic, paper, gas, oil, power gen, we optimizing processes and reducing costs are crucial for success.

At Venefilter's, we specialize in partnering with Hydraulics filter producers to overcome these challenges. By thoroughly understanding your operating goals and evaluating filtration needs across your plants, we provide tailored Absolute filtration solutions that drive real impact to your bottom line.

FILTRATION SERVICES

At Venefilter it is important to us that we deliver not only quality solutions but a high level of services that add value and meet the needs of our customers. Our purpose is to solve real challenges in filtration, Separation and Purification through engineering, innovative technologies, experience and collaboration – it's what we've been doing for the past 20 years.



FILTER CONSOLIDATION PROGRAM

Venefilter Consolidation Program is designed to help our customers streamline filtration sourcing and understand their total filtration spend. By consolidating your filtration needs through our program, we provide a comprehensive plan for maintenance and process filtration, while enabling immediate cost savings for your business. As filtration consolidation experts, we partner with over 15 manufacturers, ensuring objective and customized solutions to address your specific filtration needs. Our goal is to deliver tangible savings and technical expertise while providing year-round support.



TOTAL FILTRATION COST ANALYSIS

Venefilter provides a comprehensive Total Filtration Cost (TFC) analysis that evaluates your processes and identifies areas that may be impacting efficiency and operating expenses. Our goal is to help you achieve a quick payback by optimizing your filtration systems. As part of this service, our filtration experts assess the type of filtration you currently use, analyze production costs, and evaluate your process performance data. This thorough evaluation enables us to provide valuable insights into the true cost of your current filtration technologies and offer detailed recommendations for improving efficiencies and profitability in your operations.



VESSEL RENTAL PROGRAM

If you are looking to replace a vessel or perform repairs to your filtration equipment but needing to maintain operations or meet increased capacity demands but not ready to make a capital investment at this time, Venefilter's Vessel, or Purifier Rental Program may be worth consideration. With a range of both liquid and gas filter vessels and Filtration system Skid available we can provide you with a solution design that fits your needs.

Value Quality Services

- Customized Inventory Management Solutions
- Energy and Carbon Footprint Savings Analysis
- Filter Cleaning Services
- Filter Installation and Disposal
- Engineering and Testing
- Fluid Purification Services
- Sustained Internal Quality Management System



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