

**ADVANCED FLUID CONDITIONING SOLUTIONS®**

**Product Line Overview**



Hydraulic & Lube Filtration

Fuel Filtration

Filter Systems

Process Filtration

Element Technology

Accessories

Fluid Engineering Services



## Products:

### Hydraulic & Lube Filtration

A complete range of filter assembly types up to 6,500 psi (448 bar)

Our filter housings are continuously tested using the latest ISO and NFPA test procedures in our Fluid Care Center (FCC). Extensive testing is conducted to verify rated fatigue and burst pressures and to ensure compatibility with various mineral-based fluids.

**Product offerings include:**

- ◆ High Pressure Filters (1,500-6,500 psi)
- ◆ Medium Pressure Filters (500-1,500 psi)
- ◆ Stainless Steel (up to 1,500 psi)
- ◆ Low Pressure Filters (up to 500 psi)
- ◆ Suction Filters
- ◆ Manifold Cartridge Kits & Filters
- ◆ Custom Solutions



### Fuel Filtration

Elements, housings, and systems for challenging fuel cleanliness requirements

Our full range of fuel filtration products have revolutionized fuel cleanliness, and serve a diverse range of markets and industries. These products are designed and built to meet and exceed the fuel filtration requirements of our customers. The designs of our products are a result of many hours of field testing, laboratory research, over 73 years of experience, and partnerships with fuel industry and filtration experts.

**Product offerings include:**

- ◆ Fuel Condition Monitoring Products & Equipment
- ◆ On-Board, Mobile Diesel Filtration
- ◆ High Efficiency Diesel Particulate & Coalescing Solutions
- ◆ CNG Filtration Technology
- ◆ Biodiesel Treatment & Polishing Products
- ◆ ASME Filtration Vessels
- ◆ Turn-Key & Custom Fuel Filtration Systems



### Filter Systems

Mechanical and electronic fluid conditioning and diagnostic monitoring tools

Our fluid conditioning and diagnostic monitoring tools are known for their diversity, capability and precision. As applications become more sophisticated and widespread, the need for highly efficient fluid conditioning, as well as condition monitoring is increasing. With our product line, we provide an efficient means for measuring, monitoring, recording, and reporting. **Product offerings include:**

- ◆ De-Watering, De-Gassing & Vacuum Dehydration Units
- ◆ Asset Management Filtration Carts
- ◆ Mobile & Stationary Filtration Systems
- ◆ EasyTest & Fluid Analysis
- ◆ HTB | Hydraulic Test Benches
- ◆ TestMate® & HY-TRAX® Series
- ◆ Custom Solutions



### Fluid Care Center (FCC)

Located in Leetsdale, PA, our FCC is your one-stop shop for your complete fluid evaluation and product development. **Services include:**

- ◆ On-Site Fluid Quality Audits/Trainings
- ◆ Tests Commissioned for Customers that are Scientifically Supported & Documented
- ◆ Standard Housing/Element Testing
- ◆ Application Specific Testing
- ◆ Machines/Systems Optimized for Specific Lubrication Applications
- ◆ Technical Cleanliness



## Process/Water Filtration

*A full range of automated backflush, centrifugal and bag housing products*

Our process/water filtration products remove solid contamination from process fluids, and protect the integrity of high grade components that depend on low viscosity water or water-based fluids and emulsions. Improvements in operational efficiency, reduced downtime, lower maintenance costs, and reduced environmental impact are achieved.

### Product offerings include:

- ◆ Automatic Backflushing Filters
- ◆ Automatic Twist Flow
- ◆ Bag Housings & Elements
- ◆ Cartridge Housings & Elements
- ◆ RMF | Rolling Media Filter
- ◆ Oil & Gas Filtration Products
- ◆ Mining Specific Products
- ◆ Custom Solutions



## Element Technology

*High-efficiency elements for lubrication and fluid power systems*

Our exceptional elements are tested to ensure fabrication integrity in the manufacturing process. They are also tested for efficiency and dirt holding capacity in a multi-pass test stand, equipped with inline particle capabilities, which are calibrated to ISO standards, and exceed industry requirements. **Product offerings include:**

- ◆ **Z-Media®** Synthetic media for highest performance that meets all ISO requirements
- ◆ **GeoSeal®** Patented grommet & bushing design provides a unique way for OEMs to capture & retain replacement element business
- ◆ **DirtCatcher®** Unique outside-in flow filtration avoids seam instability & prevents contaminants from being introduced into the system
- ◆ **ASP® Media** Our Anti-Stat Pleat (ASP®) elements significantly reduce or eliminate electrostatic discharge problems during filtration of electrically charged hydraulic & lubrication fluids
- ◆ **E-Media** Cellulose media that offers a cost-effective solution for multiple applications
- ◆ **W-Media** Quick-acting, water-absorbent polymer capable of holding 400x its own weight in water
- ◆ **Private Label Branding** Our elements, spin-ons & air breathers all come with the option of Private Label Branding: Your brand identity logo on a high performing filtration solution from Schroeder Industries
- ◆ **BestFit®** Over 40,000 Schroeder cross-over element solutions that can be used in applications already fit with competitive elements. Both cartridge & spin-on styles available in a wide variety of Schroeder-quality media grades; such as: cellulose, synthetic, water removal, and anti-stat pleat (ASP®).  
**Visit our online converter:** <http://schroederindustries.info/CrossReference.aspx>



## Fluid Engineering Services:

### Reservoir Accessories & Optimization Services

*A complete range of reservoir accessories, roto-molded reservoir subsystems, and individual components with unique value-added options. Product offerings include:*

- ◆ Plastic Reservoirs (and Tank Straps)
- ◆ Complete Tank Assembly Solutions
- ◆ ISO Clean Tank Assemblies
- ◆ Test Points
- ◆ Oil Sight Glasses
- ◆ Test Equipment
- ◆ Indicators
- ◆ Air & Desiccant Filter Breathers



Visit us online @ [www.schroederindustries.com](http://www.schroederindustries.com) for our complete product offering!



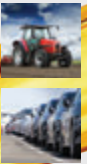
### About Us

As an ISO 9001:2015 certified company, Schroeder Industries has been designing, manufacturing, and marketing a complete range of Advanced Fluid Conditioning Solutions® for over 73 years.

With products for diagnostic, as well as filtration tools, we have been recognized as *the* leader in the fluid conditioning industry for markets that use hydraulic oils, fuels and water.

Schroeder Industries' corporate headquarters is located in Leetsdale, PA, with manufacturing facilities at the Leetsdale location, as well as in Cumberland, MD.

### Markets Served



# ADVANCED FLUID CONDITIONING SOLUTIONS®

L-2740 | 2018

### Markets Served

Schroeder's products, technical expertise, commitment to R&D, and ongoing improvements in manufacturing; enable us to provide products and services that improve performance and efficiency in many major industries, including:

• Agriculture	• Defense	• Machine Tools	• Offshore	• Power Generation	• Recreation
• Automotive	• Environment	• Marine	• Oil and Gas	• Printing	• Refuse
• Bulk Fuels	• Forestry	• Mining Technology	• Oil Recycling and Reclamation	• Pulp and Paper	• Steel Making
• Chemical Processing	• Industrial	• Mobile Vehicles	• Plastic Injection Molding	• Railroads	• Water and Waste Water

...and much more!

### Vision

We design solutions for industry and for the success of our customers by:

- ◆ Expanding globally to support our customers and stay current with new technologies.
- ◆ Leveraging and sharing our knowledge to meet challenges openly.
- ◆ Nurturing a creative, cooperative culture committed to the individual and to providing the best solutions for the customers.
- ◆ Optimizing the use of technology with applications.
- ◆ Using an efficient, timely customization process to fill specific customer needs.
- ◆ Increasing capacity and streamlining operations.
- ◆ Preserving our reputation for reliability.

### Corporate Mission Statement

#### Partnerships

Innovating products, processes and services to improve performance and efficiency in our industry.

### Core Values

#### Honesty

- ◆ Tell the truth at all times, in all matters.
- ◆ Have open lines of communication and share timely, accurate and thorough information with internal and external customers.
- ◆ Do not steal and respect each other's and the Company's property.

#### Leadership

- ◆ Recognize that we are empowered to act as leaders and participate in the decision making process.
- ◆ Take responsibility for and have pride in our work.
- ◆ Set goals and celebrate the efforts and accomplishments of our teammates.
- ◆ Value our greater community and take leadership roles in our neighborhoods and for the environment.

#### Teamwork

- ◆ Cooperate within and between departments.
- ◆ Coach and mentor; listen and share knowledge, experience, and ideas.
- ◆ Treat others with respect and consideration in all circumstances.
- ◆ Invest in the development and growth of all team members.
- ◆ Keep our work areas safe and clean.

#### Ingenuity/Innovation

- ◆ Value innovative thinking and the generation and implementation of new ideas to solve customer (internal and external) problems.
- ◆ Be flexible and adapt to new ideas and different ways of doing things.
- ◆ Utilize available resources for new designs and innovations.

### Quality Policy

Continuous improvement in our business to ensure a quality product, shipped on time, without compromise.

Visit us online @ [www.schroederindustries.com](http://www.schroederindustries.com) for our complete product offering!



580 West Park Road | Leetsdale, PA 15056, USA  
724.318.1100 phone | 724.318.1200 fax  
sisales@schroederindustries.com

