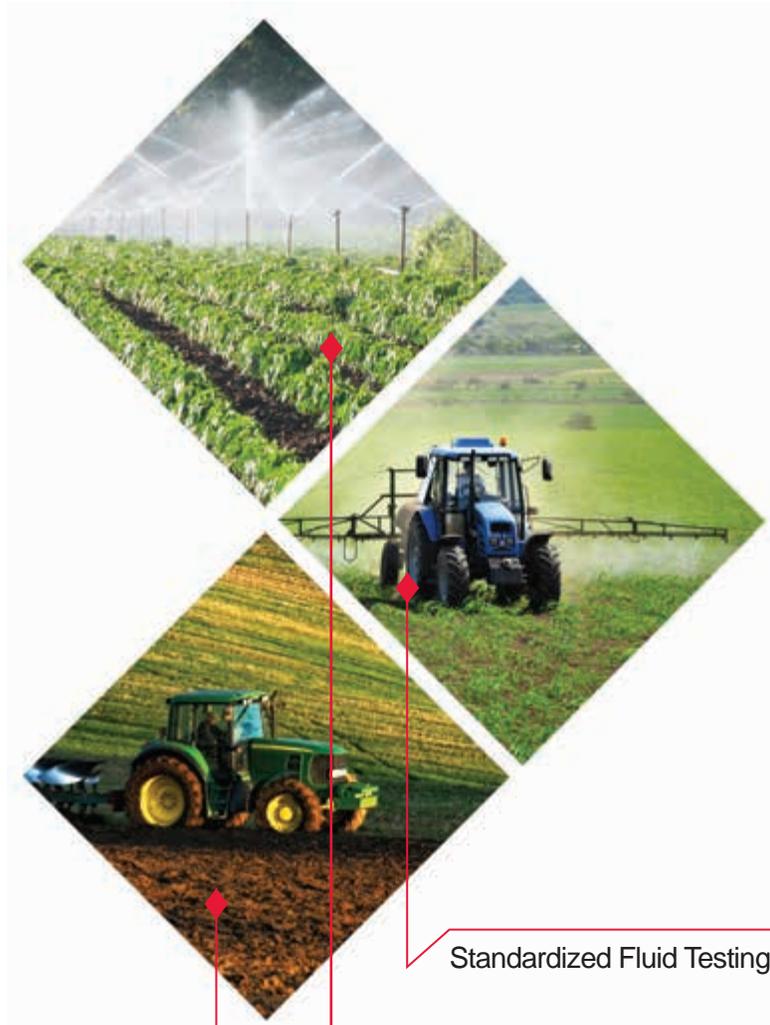




FILTRATION SOLUTIONS FOR AGRICULTURE



Standardized Fluid Testing Solutions

Turnkey Fluid Quality Measurement and Maintenance Tools

Filtration Optimization by Application



Bag Filtration | Bag Housings

- ◆ Quick and easy installation
- ◆ High dirt holding capacity at a low cost
- ◆ Welded seams with built-in flange assembly improve efficiency and prevent bags from failing in operation
- ◆ 100% incinerable



Fluid Conditioning | TMU, FS and BDC

- ◆ **TMU:** A portable service unit and is designed for temporary measurement of solid particle contamination (ISO code) and water saturation in hydraulic systems. The integrated pump and the hoses with test point connections, which are included with the TMU, allow operation on reservoirs, control circuits, and high pressure circuits.
- ◆ **FS:** Our basic Filtration Station® transfers fluid through two (2) K9 filters in series for staged particulate or water/particulate removal. An optional water sensor is available for providing the water saturation of the fluid, which can be displayed on the control panel.
- ◆ **BDC:** The Bulk Diesel Cart provides exceptional single-pass diesel filtration and continuous water removal. It includes the BDS unit with a particulate pre-filter and our patent pending coalescing water removal filter. Ideal for single pass transfer or kidney loop fuel maintenance operations at 25 gpm flow rate.



Biodiesel Purification | BCC100 and Eco₂Pure

- ◆ Continuous single pass purification
- ◆ Faster per kg or lbs flow than ion exchange
- ◆ Low capital expenses compared to batch absorbents
- ◆ Sustainable media and no water required
- ◆ ColdClear® is a 3-stage system which can easily be integrated into existing systems
- ◆ In-plant treatment of biodiesel blends (ex. B5, B10, etc) to ensure blended biodiesel meets or exceeds cold flow specifications
- ◆ For use in diesel fuel storage and distribution systems where B100 or biodiesel blends are stored and distributed to ensure shipped blends conform to ASTM specifications



Air Breathers | PAB3, PABR7 and DBE

- ◆ Reduces operating costs by preventing airborne or water contamination
- ◆ Resin impregnated 3-micron media
- ◆ Integrated anti-splash insert
- ◆ Can be customized with company logo
- ◆ Protection valves prevent media from saturation during system downtime
- ◆ Bypass valves divert out flow from reservoir away from water removal media to preserve media life



Hydraulic & Lube Filters | GH, CTF60 and GRTB

- ◆ Filters rated for 100 to 6500 psi working pressure or 20 to 450 gpm
- ◆ High-pressure filters to protect open-circuit functions and closed-loop pumps and motors
- ◆ Lightweight and Cost Optimized
- ◆ Low-pressure filtration for inline and in-tank hydraulic returns
- ◆ Allows for consolidation of inventoried replacement elements by using the same patent protected or generally available elements in the pressure or return side housings.



On-Board Diesel Filtration | HDP-BC and HDP-HT

- ◆ Low investment costs and small installation space.
- ◆ Consistent dewatering over the entire life of the filter element
- ◆ Robust design thanks to aluminum housing.
- ◆ Economical and technically superior operation as a result of long element service life
- ◆ High Tech design: Reliable dewatering thanks to automatic water discharge, even during suction side operation
- ◆ Water sensor and fuel preheating available as options



Bulk Diesel Filtration | BDF1 and BDS

- ◆ Fuel and water separation media technology in a patent pending three-phase element construction for high efficiency, single-pass removal of free and emulsified water in Ultra-low Sulfur Diesel (ULSD) and blends
- ◆ Can be installed upstream (suction side) or downstream (pressure side) of transfer pumps with plate mounting as a standard option.
- ◆ Helps protect expensive fueling injectors from premature and catastrophic failures caused by water and particulate
- ◆ Separates emulsified and free water from diesel fuel
- ◆ No disposable water-absorbing media, significantly lowering the total cost of water removal



Hydraulic Elements with Private Label Branding

- ◆ Affordable filtration solution that can be used in a wide variety of applications
- ◆ Available in aluminum or steel with pipe, straight, and ISO threads in sizes ranging up to 60 gpm at 150 psi
- ◆ Cartridge and Spin-on styles available
- ◆ Variety of media grades (cellulose, synthetic, water removal, anti-stat)
- ◆ Wide selection of spin ons – low and medium pressure. Best-Fit® replacement elements also available
- ◆ Available for private label branding

Schroeder Industries, an ISO 9001:2008 certified company, focuses on developing filtration and fluid service products in the field of agriculture. We are proud of our proven track record of providing quality products over the last sixty years. The designs you see inside are the result of thousands of hours of field testing and laboratory research...and decades of experience. Schroeder was one of the first companies to demonstrate the need for, and benefits of, hydraulic filtration. We pioneered the development of micronic filtration, helping to set performance standards in industrial fluid power systems. As a result, Schroeder is now a leader in filtration and fluid conditioning — and the proof of our expertise lies in our broad mix of unsurpassed products.



For more information, please visit: www.schroederindustries.com

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Agriculture



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

- ◆ Optimizing the use of technology with applications for improved equipment performance
- ◆ Using an efficient, timely customization process to fill the specific needs of agriculture customer
- ◆ Preserving our reputation for reliability and flexibility to meet the demands of agriculture customers
- ◆ Expanding globally to support our customers and stay current with new technologies
- ◆ Leveraging and sharing our knowledge to meet challenges such as tier 4 engines
- ◆ Nurturing a creative, cooperative culture committed to the individual and to providing the best solutions for our customers

Our goal is to be your fluid conditioning partner. Our expertise in filtration technology, our superior filter and element manufacturing capabilities, and our dedication to customer service and product support are the reasons we're considered experts in Advanced Fluid Conditioning Solutions®.

We are committed to providing the best available filter products to meet necessary cleanliness levels at a competitive price. As a cost-effective quality producer, we can work with your people to supply contamination control technology or develop long-range pricing programs that can improve your company's bottom line.



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