

FILTRATION SOLUTIONS FOR OIL RECYCLING AND RECLAMATION



Improved Reliability

Branded Solutions

Lower Maintenance Costs

Fluid Conditioning | FS, AMFS and IXU



- ◆ **Filtration Station® (FS):** The Filtration Station® transfers fluid through two (2) K9 filters in series for staged particulate or water/particulate removal. The standard contamination sensor TCM and water sensor TWS-C provide real-time ISO cleanliness level as well as the water saturation of the fluid, which are displayed on the control panel. A target ISO cleanliness level can be programmed to automatically stop the unit.
- ◆ **Asset Management Filtration Station (AMFS):** The next generation Filtration Station® is an all-in one system that monitors fluid condition, filters out contaminants and tracks all necessary data. Includes real-time monitoring and data management of ISO cleanliness and water saturation by assets and automatic shut-down when desired ISO code is reached.
- ◆ **Ion eXchange Unit (IXU):** This easy to service unit of the IXU series is used for conditioning flame resistant, HFD-R-based hydraulic and lubrication fluids. They effectively remove acidic products of decomposition caused by hydrolysis and/or oxidation of the fluid. The units are applied to hydraulic and lubrication oil tanks of up to 5,283 gallons (20,000 l) with volumetric flow of up to approximately 2.4 gpm (9 l/min) in the bypass flow. Mobile or stationary IXU are available. The IXU uses Ion eXchange Element (IXE) filled with ion exchange resin.

Fluid Conditioning | X-Skid and KLD



- ◆ **X-Skid:** The X-Skid is used in high flow systems, for instance when you need to use up to 140 gpm for customized systems.
- ◆ **KLD:** The Kidney Loop Systems (KLD) are compact, self-contained filtration systems equipped with high efficiency, high capacity elements capable of removing particulate contamination and/or water quickly, conveniently and economically. These off-line systems can be used to supplement in-line filters, when adequate turnover cannot be achieved in the system, with standard 7 or 14 gpm.

Fluid Conditioning | Triton-E and Triton-A



- ◆ Designed to eliminate 100% free and up to 90% of dissolved water from hydraulic fluids
- ◆ Uses a patented mass transfer process, which efficiently remove water and particulate contamination quickly in virtually all environments
- ◆ Extremely portable
- ◆ Available as 1.5 (Triton-A) and 15 gpm (Triton-E) versions

Single Pass Filter Kit | 3K9 and 2K9



- ◆ **3K9:** Three patent-pending K9 filters supplied in series as a single filter assembly provide in-line single pass particulate and water filtration, capable of handling flow rates up to 100 gpm. 900 psi rating covers almost all transfer line pressure specs including air driven transfer systems
- ◆ **2K9:** Two patent-pending K9 filters supplied in series as a single filter assembly providing in-line single pass particulate and water filtration. 900 psi rating covers almost all transfer line pressure specs including air driven transfer systems.



Schroeder Elements

Schroeder Bestfit® Element with Private Label Branding Available

- ◆ Affordable filtration solution that can be used in a wide variety of applications
- ◆ Cartridge and Spin-on styles available
- ◆ Variety of media grades (cellulose, synthetic, water removal, anti-stat)
- ◆ Available for private label branding
- ◆ Over 40,000 cross references on the website



MFD

MFS

Mobile Single and Dual Filtration | MFD and MFS

- ◆ **MFD:** A dual mobile filtration unit that can be used to remove both water and particulate contamination, or for staged particulate contaminant removal.
- ◆ **MFS:** A mobile filtration unit with a single filter housing that is compact and self-contained. The high efficiency, high capacity elements are capable of removing particulate contamination and/or water quickly, conveniently and economically. These off-line systems can be used to clean new fluid, transfer fluid, supplement in-line filters, when adequate turnover cannot be achieved in the system, or after maintenance/repair work with standard 7 or 14 gpm flow rate.



HY-TRAX® Manually Controlled Fluid Sampling System

HY-TRAX® Telematic Communications Module with Remote Controlled Sampling System

Fluid Condition Monitoring Tools | HY-TRAX

- ◆ **HY-TRAX Manually Controlled Fluid Sampling System:** This product provides local visibility to the fluid condition of critical systems while integrating micro VFD (Variable Frequency Drive), pump/motor provides optimal flow for accurate sensor readings in variable conditions. Also, it allows a user to retrieve ISO cleanliness levels from a reservoir tank or a return line (200 psi max).
- ◆ **HY-TRAX Telematic Communications Module with Remote Controlled Sampling System:** This system provides Remote Visibility to the Fluid Condition of Critical Systems. It also integrates micro VFD (variable frequency drive) pump/motor provides optimal flow for accurate sensor readings. Fluid particle counts, temperature and water saturation (optional) are displayed on a customizable dashboard which can be accessed through the internet.



HMG4000

TMU

Hydraulic Diagnostic Tools | HMG4000 and TMU

- ◆ **HMG4000:** The HMG4000 data recorder is a portable unit for measurement and data capturing tasks involving hydraulic and pneumatic systems. The HMG 4000 can concurrently evaluate signals from up to 38 sensors.
- ◆ **TMU:** The TMU is a portable service unit and is designed for temporary measurement of solid particle contamination and water saturation in hydraulic systems. The unit allows for operation on reservoirs and high pressure control circuits. 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.

Schroeder Industries, an ISO 9001:2008 certified company, focuses on developing filtration and fluid service products for oil recycling. 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 combined with 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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Oil Recycling and Reclamation



We design solutions for oil recycling 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 oil recycling
- ◆ Preserving our reputation for reliability and flexibility to meet the demands of oil recycling customers
- ◆ Expanding globally to support our customers and stay current with new technologies
- ◆ Leveraging and sharing our knowledge to meet challenges
- ◆ Nurturing a creative, cooperative culture committed 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 organization to supply contamination control technology or develop long-range pricing programs that can improve your company's bottom line.



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