

FILTRATION SOLUTIONS FOR OFFSHORE DRILLING



Standardized Fluid Testing Solutions

Turnkey Fluid Quality Measurement and Maintenance Tools

Filtration Optimization by Application

Bulk Diesel In-Line Filtration | BDF1, BDF2 and ICF



- ◆ **ICF:** Helps protect expensive, vital engine components against failures caused by water transferred from the bulk fuel tanks to the vehicle. For use in single-pass fuel dispensing or multi-pass reservoir clean-up and continuous maintenance
- ◆ **BDF1 and BDF2:** Fully synthetic, patent-pending coalescing (fuel/water separation) media requires minimal change outs. Coalescing filter delivers 99.5% single pass free and emulsified water removal efficiency achieve outlet water concentrations below 100 ppm. Optional electrical Dirt Alarm® or integrated thermostat.

Bulk Diesel Mobile Filtration | BDC and BDFC



- ◆ Routine element change only needed on KL3 particulate filter, saving time and money
- ◆ Fully synthetic, patent-pending coalescing (fuel/water separation) media requires minimal change outs
- ◆ 10' Hoses with 3' wand ends
- ◆ The BDFC, At just 22" wide, will fit through standard doorways
- ◆ Pump motor is 115VAC with resettable overload and 7' power cord
- ◆ Great for kidney loop clean-up of contaminated reservoirs and single pass transfer
- ◆ Coalescing filter delivers > 95% single pass, free and emulsified water removal efficiency to achieve outlet water concentrations below industry standards

Bulk Diesel In-Line High Flow Filtration | BDS and BDS2



- ◆ Particulate filtration down to 1 microns utilizing Excellement® synthetic Z-Media® element
- ◆ Ensures protection of coalescing element from being damaged by excessive particulate matter
- ◆ Manual water drains and up and downstream test points
- ◆ 99.5% Single-Pass Efficiency
- ◆ Helps protect expensive, vital engine components against failures caused by water transferred from the bulk fuel tanks to the vehicle
- ◆ For use in single-pass fuel dispensing or multi-pass reservoir clean up and continuous maintenance
- ◆ Built-in Dirt Alarm® to show when element needs to be replaced

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



HS60 KF50

Filter Housings | HS60 and KF50

- ◆ **HS60:** A top-ported filter designed to meet the challenges of inline, hydrostatic applications. The HS60 uses one valve that functions as a forward-flow bypass valve and full reverse-flow check valve. 6000 psi cyclic rating for closed loop circuits.
- ◆ **KF50:** High pressure, base-ported filter designed to meet HF4 standard and rated for 5,000 psi and up to 150 gpm. Same-day shipment available with patented GeoSeal® filter element.



DBE SAB22 SAB35

Air Breathers | DBE, SAB22 and SAB35

- ◆ Reduces operating costs by preventing airborne contamination
- ◆ Replaceable elements with resin impregnated 3-micron media
- ◆ Steel housing material
- ◆ Strainer available on all models
- ◆ The DBE has 4 check valves, increasing moisture capacity and a 2 micron element to eliminate particulate ingress into the system.



DWU KLD

Fluid Conditioning | DWU and KLD

- ◆ **DWU:** Dewatering Unit is designed to eliminate 100% free and up to 90% of dissolved water from hydraulic fluids. Using a patented mass transfer process, based on the Triton Dehydration Station®, efficiently removes water and particulate contamination quickly in virtually all environments at 1.5 gpm flow rate. DWU is designed for use in areas where explosion proof equipment is required.
- ◆ **KLD:** A compact, self-contained filtration system equipped with high efficiency, high capacity elements capable of removing particulate contamination and/or water quickly, conveniently and economically. This off-line system can be used to supplement in-line filters, when adequate turnover cannot be achieved in the system, with standard 7 or 14 gpm



RF10 RF3 RF4

Automatic Backflush Filter | RF10, RF3 and RF4

- ◆ Self-cleaning, backflushing system for separating particles from water and waste water.
- ◆ Ideal for filtering source water, back wash, or tertiary effluent.
- ◆ Continuous filtration even during backflushing.
- ◆ Automatic backflushing capability reduces operating & maintenance costs.
- ◆ Slotted tube filter elements available in 25 µm to 3000 µm
- ◆ Superior pre-filtration for membranes, UV, Ozone and GAC Applications



ATF

Automatic Twist Flow Strainer | ATF

- ◆ Self-cleaning, backflushing filter for filtering high levels of solid particles from water using cyclonic action
- ◆ Ideal for pre-filtration/separation before RF systems; filtration of surface/sea water, process water and wastewaters
- ◆ Slotted tube elements available in ratings from 200 µm to 3000 µm
- ◆ Continuous filtration even during backflushing
- ◆ Virtually maintenance free

Schroeder Industries, an ISO 9001:2008 certified company, focuses on developing filtration and fluid service products for offshore drilling. 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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Offshore Drilling

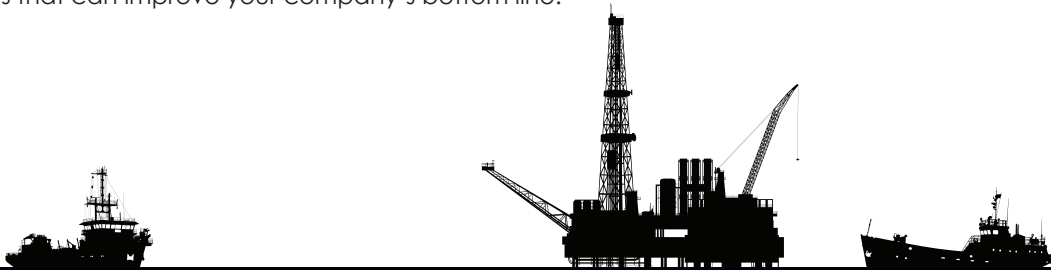


We design solutions for offshore drilling and for the success of our customers by:

- ◆ Optimizing the use of technology with applications for improved equipment performance
- ◆ Using an efficient, timely customization process to fill the specific needs of offshore customers
- ◆ Preserving our reputation for reliability and flexibility to meet the demands of offshore 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 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 organization to supply contamination control technology or develop long-range pricing programs that can improve your company's bottom line.



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