



Advanced Fluid Conditioning Solutions®

# ***FLEET FILTRATION MANAGEMENT***

**Product Overview**





# SCHROEDER INDUSTRIES FLEET

The hydraulic systems of today utilize smaller, lighter, and more powerful components, demanding higher standards of fluid cleanliness for maximum system efficiency. Vehicle fleets operate across a multitude of environments, requiring special fluid care to ensure productivity. Schroeder Industries delivers the superior filtration performance required to keep the fleet's hydraulic systems working, including solutions for onboard reservoirs and in-plant storage systems.

## Mobile Filtration System Options



### HFS-15 | Hand-Held Portable Filtration System

- Cost effective, portable filtration system designed for use with small hydraulic reservoirs and filtering drums of hydraulic fluids
- 4gpm filtration system for use with standard hydraulic fluids up to 1600SUS
- Available with Contamination Sensor option
- Preferred Model Code: HFS-15-E-9-NX10-E
- Part Number: 7643821



### MFD | Mobile Filtration Cart

- Cost effective 10gpm filtration system for use with standard hydraulic fluids with viscosity up to 2500SUS (Engine Oil, Hydraulic Oil, Transmission Oil)
- Preferred Model Code: MFD127G10G05V14G2185
- Part Number: 7648224



### AMFS | Asset Management Filtration System

- Easy to operate 5gpm Mobile filtration cart that offers asset specific trending and reporting for hydraulic fluids up to 1000SUS
- AMFS records fluid cleanliness levels while filtering the fluid to a user selected target cleanliness codes and turns itself off when targets are met
- Unique in ability to store, time stamp, and trends/save the data by the individual maintained asset
- Preferred Model Code: AMFS127G10G05
- Part Number: 7604957

### AMFS Return On Investment

- Schroeder Industries' Asset Management Filtration Station® precisely filtered to the 18/15/13 ISO cleanliness requirement on a fleet of vehicles in the refuse industry.
- In one year, switching to the AMFS saved over 9,000 gallons of fluid and achieved 200% ROI!



### MCO | Fail-Safe In-Line Mechanical Clean Oil Dispenser

- Fail-safe In-Line Mechanical Clean Oil Dispensing Filter rated for 900 psi and 30 gpm
- Ideal for dispensing applications where clean fluid delivery is a must
- Dispensed fluid is filtered or it is returned to the tank

**Single Pass Solutions can help reach your fleet's bulk fluid cleanliness target!**



## Stationary Filtration System Options

### KLD | Stationary Kidney Loop Filtration Skid

- Cost effective 10gpm filtration skid for hydraulic fluids (Engine, Hydraulic, & Transmission Oil) up to 2500SUS
- Ideal for permanent filtering of bulk fluid reservoirs for clean oil supply
- Preferred Model Code: KLD127G10G05V14G2185
- Part Number: 7648225

# FILTRATION MANAGEMENT

## Fluid Conditioning Kits

### TFC | Total Fluid Condition

- Advanced portable fluid condition monitoring unit for real-time data
- Digital Imaging - sensor sorts particles into fatigue, cutting, sliding wear, and fiber categories to estimate cause of contamination
- Water Sensor - shows relative humidity of oil as % saturation
- **Preferred Model Code: Total Fluid Condition Kit**
- **Part Number: 7647613**



### Oil Analysis Test Kits

- Bottle sampling Oil Analysis test kit for determination of complete fluid condition
- Analysis includes Particulate Contamination/ ISO Code, Water Content, Viscosity, Additives by Spectrographic Analysis which Wear metal and contaminant levels are displayed in parts-per-million (ppm).
- **Preferred Model Code: THF,KIT,HYDRAULIC OILTEST, 10 BOTTLES**
- **Part Number: 7624310**



### FDA | Filter Debris Analysis

- Understand the types of wear particles that are being captured by the filter and show you the magnitude of the system wear
- Analysis includes Analytical Ferrography (ASTM D7690), Micropatch Analysis, Elemental Metals Analysis by ICP (mod. ASTM D5185), Acid Digestion, Gravimetric Solids
- **Preferred Model Code: FILTER DEBRIS ANALYSIS KIT**
- **Part Number: 7646313**



## Compressed Natural Gas Filtration Options

### CGF50 | High Pressure Compressed Gas Filter

- High pressure compressed gas filter, rated for up to 5000 psig working pressure.
- Provides robust and reliable filtration at competitive pricing for CNG fueling and other gas compression applications.
- **Greater capacity and reliable performance thanks to the pleated microglass media construction.**



### CGF8 | Low-to-Medium Pressure Compressed Gas Filter

- Low-to-medium pressure compressed gas filter, rated for up to 800 psig working pressure.
- Provides a competitively priced gas filter commonly used upstream of high pressure gas compressors or for low pressure gas compression applications.
- **Greater capacity and reliable performance thanks to the pleated microglass media construction.**



### BestFit® | Parker Finite J-Series Compressed Gas Filter Replacements

- Replacement element kits designed for Parker Finite J-Series housings in common sizes and media grade equivalents.
- Currently available in 4C, 10C, and WS media grade equivalents, using pleated microglass media for extended service life with exceptional performance.
- **The element kits include the replacement bowl seals, designed to fit the competitor housings in the full range of sizes.**



# SCHROEDER INDUSTRIES FLEET FILTRATION MANAGEMENT

## Upgrade Your Filter with Schroeder BestFit®

Our BestFit® elements offer maximum dirt-holding capacity, superior particle capture, excellent beta efficiency and stability, minimal pressure drop, all while maintaining a low operating cost.

Our BestFit® Replacement Element Program consists of many different standard cartridge and spin-on replacement elements, utilizing all our unique element media technologies! Each BestFit replacement element is manufactured to outperform its competitors in all major categories of element performance. Most importantly, we offer the easiest way to determine the Schroeder equivalent of more than **42,000 competitive elements!**

# BestFit®

## Bulk Fuel Conditioning

**Schroeder Industries Cross Reference Search**

The Schroeder Industries Cross Reference tool will help find an equivalent Schroeder product to OEM brand part numbers. Enter a partial or exact cross reference part number in the first search bar, or search by the OEM brand name in the drop-down bar. When a search/cross has been generated, your results will show up below. (Must be at least 3 characters entered before a search can be generated)

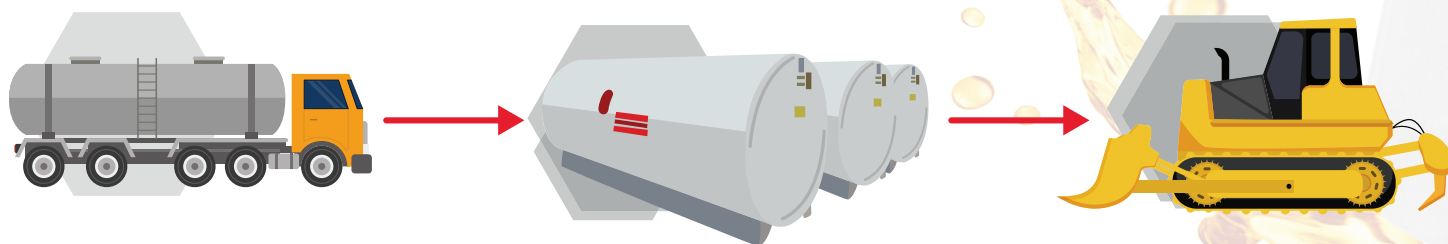
For element sales drawings, please use the link here: <https://www.schroederindustries.info/sales/DWG.aspx>

\*Functional Equivalent, contact Product Management for further details

Search by Manufacturer Part Number / Description

Search by Manufacturer Brand Name

Please Select



### Delivery

For high-flow, high-volume delivery filtration.

**BDS1 (ex. BDS39QPMLZ3VVMS)**

– Up to 70 GPM

**BDS2 (ex. BDS239QPMLZ3VVMS)**

– Up to 140 GPM

**BDS3 (ex. BDS339QPMLZ3VVMS)**

– Up to 210 GPM

### Protection & Maintenance

For tank protection and maintenance

**Desiccant Breathers (DBE) – DBE10**

**BDFP (ex. BDFP11GGZ3CG5VD514)**

– Fuel Polishing System

**BDFC (ex. BDFC11GGZ3CG5VD514)**

– Fuel Polishing Cart

### Dispensing

For tank protection and maintenance

**GHPF (ex. GHPF11GGZ3VS24D5R)**

– Particulate Filtration - Up to 100 GPM

**GHCF (ex. GHCFCG5VS24D5R)**

– Coalescing Filtration - Up to 25 GPM

**BDF (ex. BDF11GGZ3CG5D5)**

– Particulate and Coalescing Filtration

– Up to 25 or 50 GPM

