



OIL FILTRATION SYSTEMS, INC.

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HIGH FLOW PORTABLE FILTRATION SYSTEM

The harmful effects of particulate contamination in hydraulic, lubrication, and fuel oils have been well documented. Oil Filtration Systems, Inc. has developed a line of High Flow Portable Oil Filtration Systems to quickly and reliably remove particulate contamination from a variety of fluids, enabling end-users to extend the life of component parts, reduce maintenance costs and down-time, and maximize profitability. These systems are portable, and can be used for fluid transfer, high velocity oil flushing, or off-line kidney-loop filtration. Filter elements are available in a wide variety of micron sizes and media types to handle virtually any application.



- **Flow Rates From 20-2000 GPM or Higher.**
- **Achieve Very Low Particle Counts To Meet Or Exceed An ISO 16/13/10 Cleanliness Level**
- **Achieve Reynolds Number >4000 To Perform High Velocity Flushing Of Pipes**

Suitable For Use With:

- **Hydraulic Oil**
- **Lubrication Oil (ISO 32 – ISO 680)**
- **Turbine Lube Oil**
- **Diesel Fuel**
- **EHC Fluid (Phosphate Ester)**
- **PAO Fluid**

Standard Features

- **Positive Displacement Gear Pumps or Self-Priming Centrifugal Pumps**
- **TEFC Electric Motors**
- **NEMA 4 Electric Control Panels with Main Power Disconnect and Pushbutton On-Off Switches**
- **Variable Frequency Drives**

Filter Element Options

High Efficiency Pleated Microglass Particulate Removal Filter Elements

Available In Micron Sizes Ranging From 1-Micron To 25 Micron Beta_{≥200} per ISO 4572 (99.5% Efficient)

Nominally Rated Pleated Cellulose Filter Elements or Polyester Felt Bag Filters

Cost Effective Way To Remove Large Amounts of Bulk Particulate Contamination From Very Dirty Systems

Electrical Specifications

Voltage: 480 VAC, 3 Ph, 60 Hz
(Other voltages are available upon request)

Motors: Premium Efficiency TEFC or Explosion Proof (if required)

Control Panel: NEMA 4 or NEMA 7

Mechanical Specifications

Flow rate options from: 20 GPM – 2000 GPM

Filter Housings: Multiple Configurations for High Flow and Particulate Removal

Plugged element indication: Differential pressure gauges and indicator lights provide positive indication when the elements are plugged and need to be changed.

Pump: Heavy-duty self-priming positive displacement style with built in relief.

Connections: 1" to 4" NPT with Camlock or Flanged Connections (Other Options Are Available).

Power cord: 25' / 7.62 meter heavy gauge with high visibility yellow color (standard).

Hoses: 20' Inlet and Outlet Hoses

Oil Sample Ports: Upstream & Downstream Sample Ports

Custom options are always available.

For technical support & application help call us at 830-816-3332.



SYSTEM ORDERING INFORMATION

Standard part-number POFS- ** - -**- ****

Indicates Portable Oil Filtration System

Indicates flow rate (20-1000gpm)

Indicates particulate removal housing (PR)

Indicates water removal housing (WR)

Indicates acid removal housing (AR)

(Note: If not using WR or AR then omit from P/N.)

ELEMENT ORDERING INFORMATION

Pleated particulate removal elements available in 1, 3, 5, 15, & 25 micron increments. P/N: OFS840P(**)
Insert micron size 1, 3, 5, 15, or 25

Water removal element P/N: OFS840WR

Acid removal element P/N: OFS840AR

