



HIPPO FILTERS

LOVE DIRT & WATER

FT

Filtertechnik



Water Based Fluids | Process Fluids | Heating Oils | Turbine Oils | Bio-ethanol | Diesel | Oils



WHY DO YOU NEED A HIPPO FILTER?

WHY SHOULD YOU USE A HIPPO FILTER?

FACT: Effective filtration will extend the life of your machinery and maintain oil, fuel, and water glycol cleanliness.



FEATURES AND BENEFITS

- ✓ Eliminates water from oil using cellulose elements
- ✓ Eliminates oil patches from water glycol using polypropylene elements
- ✓ Does not remove additive packages
- ✓ Extends oil life
- ✓ Increases service intervals
- ✓ Provides continuous protection
- ✓ Environmentally friendly
- ✓ Reduces machine downtime
- ✓ Removes dirt and solid contaminants down to NAS 5/ISO 14/9 or better



SIMPLE INSTALLATION:

- ✓ The Hippo filter can be fitted quickly and simply by approved mechanics.
- ✓ Water and solid particulate removal.
- ✓ The Hippo Filters high performance cartridges allow for the removal of ultra-fine particles and debris, thereby immediately reducing the risk of contamination-induced damage to parts and machinery.

The Hippo series can be used to enhance the life and performance of other, more expensive system filters. The wear and tear of hoses and fittings is also greatly reduced due to the effective removal of harmful particulate.

With today's machinery operating under increasingly fine tolerances, the removal of particulate and moisture down to acceptable levels is paramount.

As the Hippo system effectively removes water from oil and fuel, the risk of fluid degradation is significantly reduced along with inevitable associated downstream problems.



Hydraulic Oil Filtration



SDFC (W2D)



SDFC (F)

CARTRIDGES AVAILABLE

Element Type	Micron Rating	Retention		Flow rate Recommendation
		Solids grm	Water ml	
SDFC (W2D)	3 micron nominal	Up to 2200	750	1-10 l/min per cartridge
SDFC (F1)	1 micron absolute	Up to 1200	n/a	22 l/min per cartridge
SDFC (F3)	3 micron absolute	Up to 1200	n/a	22 l/min per cartridge
SDFC (F5)	5 micron absolute	Up to 1200	n/a	22 l/min per cartridge
SDFC (F10)	10 micron absolute	Up to 1200	n/a	22 l/min per cartridge



APPLICATIONS

- Injection moulding machines
- Earth moving equipment
- Die casting machines
- Hydraulic powerpacks
- Hydraulic press
- Rolling mill
- Tunnel boring machines
- Bridge access
- CNC machine
- Trains





Fuel Filtration



SDFC (W2D)



SDFC (F)

CARTRIDGES AVAILABLE

Element Type	Micron Rating	Retention		Flow rate Recommendation
		Solids grm	Water ml	
SDFC (W2D)	3 micron nominal	Up to 2200	750	1-10 l/min per cartridge
SDFC (F1)	1 micron absolute	Up to 1200	n/a	22 l/min per cartridge
SDFC (F3)	3 micron absolute	Up to 1200	n/a	22 l/min per cartridge
SDFC (F5)	5 micron absolute	Up to 1200	n/a	22 l/min per cartridge
SDFC (F10)	10 micron absolute	Up to 1200	n/a	22 l/min per cartridge



APPLICATIONS

- Earth moving equipment
- Marine
- Generators
- Biodiesel storage
- Fuel storage
- Trains
- Military and emergency vehicles



Glycol Filtration



SDFC (W2P)

CARTRIDGES AVAILABLE

Element Type	Micron Rating	Retention		Flow rate Recommendation
		Solids grm	Water ml	
SDFC (W2P)	3 micron nominal	Up to 2200	n/a	1-10 l/min per cartridge



APPLICATIONS

- Cutting machines
- Trains
- Automobiles
- Dairy farm processing
- Ice rinks
- Breweries and distilleries
- Coolant systems
- Hospitals



HIPPO PRODUCT OVERVIEW

SINGLE FILTER HOUSING

- Water and particulate removal (depending on element)
- 1-22 L/M (depending on fluid viscosity/element) 8 bar maximum pressure
- 1/2" connections BSP(F)
- High pressure option available to 210 bar



ORDER CODE:
HG2

SINGLE FILTER HOUSING WITH HIGH PRESSURE REDUCING VALVE

- Water and particulate removal (depending on element)
- 1-22 L/M (depending on fluid viscosity/element)
- New 210 bar maximum pressure
- Flow compensation valve
- 1/2" BSP connections



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HG2-HP

MANIFOLD MOUNTED TWIN HIPPO ASSEMBLY

- 2 x Hippo mounted on a manifold block
- Water and particulate removal (depending on element)
- 1-44 L/M (depending on fluid viscosity/element)
- 8 bar maximum pressure
- 3/4" BSP (M) connections



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BYPASS FILTRATION SYSTEM

- Offline Hippo System
- Up to 20 L/M at 4 bar (depending on fluid viscosity)
- 8 bar maximum pressure*
- Gauge to show when filters blocked
- Water and particulate removal (depending on element)
- High pressure option available to 350 bar pressure compensation valve



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HG2-6-HP

* Various valve arrangements can be incorporated into the inlet to allow for high pressures

OIL OR FUEL POLISHING SYSTEM

- Twin pot unit
- 10 L/M maximum flow rate (depending on fluid viscosity)
- Water and particulate removal
- Removes up to 2kg of particulate and 0.7 litres of water per element
- Pressure gauge filter blockage indicator
- 240/110v/415v options
- 3 metre suction and return line hoses
- 1m suction and discharge lances
- Magnet option



ORDER CODE:
BD5000

CALL US FIRST AND REQUEST MORE INFORMATION
ABOUT OUR ENTIRE RANGE OF ADVANCED SOLUTIONS
PHONE **+44 115 9003 600** OR
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