

FA-ST Filter Cartridges How Clean is your Oil?





FA-ST Filter Cartridge Guide

Contents

Filter Cartridges - 88 Range	3
Oil & Diesel Filter Cartridges.....	3
High Viscosity Oil Filter Cartridges.....	3
Coolant & Glycol Filter Cartridges	4
Filter Cartridges – KF65	4
KF65 Oil & Diesel Filter Cartridges.....	4
Bypass Filter Cartridges	5
1878 Engine & Hydraulic Bypass Filter Cartridges.....	5
1868 Engine Bypass Filter Cartridges.....	5
1858 Engine Bypass Filter Cartridges.....	6

The most important part of a quality filtration system is the filter cartridge, having the incorrect or poor-quality filter will reduce the amount of contamination that can be removed but could also mean that some contaminates such as water are not removed from the system. FA-ST have a range of quality cost effective filter cartridges to allow for the removal of contaminates from various fluids. Our filters can be purchased in either singles or boxed quantities and will fit the FA-ST & Kleenoil free standing filtration systems and bypass filtration systems.



Filter Cartridges - 88 Range

The 88 Range of filter cartridges fit the KU85/9788 range of filter housings fitted to all of the FA-ST oil & diesel filtration systems apart from the MS1 12v Diesel Filtration System. This gives our filtration fleet fantastic flexibility allowing for the filtration of various fluids including oils, diesel fuel, coolants & glycols. The filter elements provide fineness of 1µm nom, 3µm absolute. Temperature operating range 0-125°C, +/- 5°C.

Oil & Diesel Filter Cartridges



FA-ST 1888H & 1888SPT Standard Oil & Diesel Filter Elements

The FA-ST oil & diesel filter cartridges are ideal for removing particulate contamination and water from lube oils and diesel fuel. The tightly wound filter media in these cartridges trap particles down to 3 micron in size removing large amounts of contamination that can build up in a system. For use with Engines with Sump Capacity of 18 gal / 90 litres or hydraulic systems with tanks up to 300 gallons/ 1360litres.

1888H: For **filtering** oils up to 220 grade and diesel fuel removing contamination. Made from tightly wound filter media and a 1-micron 2mm base layer and with handles. For light oils and diesel fuels from 2 to 46 viscosity at cold 0°C and ambient 23°C temperature and for warm/hot oils up to 220 viscosity and 125°C

1888SPT: The 1888SPT filter cartridges are ideal for **polishing** and maintaining the condition of oils and fuel preventing contamination build-up. Made from tightly wound filter media in 2 layers separated by a 1-micron 2mm spacer and a 1-micron 2mm base layer and with handles. For light oils and diesel fuels from 2 to 46 viscosity at cold 0°C and ambient 23°C temperature and for warm/hot oils up to 220 viscosity and 125°C

The dirt retention capacity for each filter is up to:

- **Particulate Contamination:** 2.5kg approx.
- **Water Removal:** 1 Litre approx.

Filter	Application	Filtration of	For use with	Buy
1888H	Filtering	Diesel & Oil to 220 grade	These filters fit the KU85/9788 housings fitted to most FA-ST filter systems	Buy Now
1888SPT	Polishing	Diesel & Oil to 220 grade		Buy Now

High Viscosity Oil Filter Cartridges



FA-ST 1888SH & 2088CPS High Viscosity Oil Filter Elements

The high viscosity oil filter cartridges are especially designed to filter oils of a higher-grade viscosity between 320 – 1000 cSt. The design of these cartridges will allow the higher-grade oils to be pushed through the filter media without creating a build-up of back pressure tripping out the filtration system. They can provide filtration on lower grade oils and diesel however the standard oil & diesel filters are far more cost effective. The high viscosity oil filters come in 2 special designs:

1888SH: For **filtering** high viscosity oils, allow an amount of oil to bypass preventing backpressure build up. This means more passes of the oil through the filter are required to remove the contaminants. Made from tightly wound filter media, a 1-micron 2mm base layer and a cardboard outer sleeve with handles. For light oils and diesel fuels from 2 to 46 viscosity at cold 0°C and ambient 23°C temperature and for warm/hot oils up to 460 viscosity and 125°C

2088CPS: These filters provide much finer filtration than the 1888SH and should be used as a **polishing** filter cartridge. Using these filters for the initial filtration is not cost effective as heavily contaminated oils will block these quickly. Split into halves with a layer made from tightly wound filter media separated by a 1-micron 2mm spacer with a polypropylene layer below and a 1-micron 2mm base layer and with handles For light oils and diesel fuels from 2 to 46 viscosity at cold 0°C and ambient 23°C temperature and for warm/hot oils up to 460 viscosity and 125°C

The dirt retention capacity for each filter is up to:

- **Particulate Contamination:** 2.5kg approx.
- **Water Removal:** 1 Litre approx.

Filter	Application	Filtration of	For use with	Buy
1888SH	Filtering	High Viscosity Oil 320 to 1000 grade	These filters fit the KU85/9788 housings fitted to most FA-ST filter systems	Buy Now
2088CPS	Polishing	High Viscosity Oil 320 to 1000 grade		Buy Now



Coolant & Glycol Filter Cartridges



FA-ST 2088PP & 2088PP6 Coolant & Glycol Filter Elements

The FA-ST coolant & glycol filter cartridges are ideal for removing particulate contamination from water-based fluids. These cartridges are especially designed to let water pass through the filter while entrapping particles making them ideal for coolants and glycols. These filters can be used with most filtration systems and only require the unit to be flushed of any oil or diesel for the units to be able to provide filtration on water-based fluids. Used for tanks up to 300 gallons/1360 litres.

2088PP: For **filtering** water-based fluids and removing particulate without removing water. Made from polypropylene filter media and a 1-micron 2mm base layer and with handles. **For filtration** of coolants, glycols, flame retardant oils or any water-based fluid to remove particulate contamination.

2088PP6: The 2088PP6 filter cartridges are ideal for **polishing** and maintaining the condition of water-based fluids preventing contamination build-up. **For polishing** of coolants, glycols, flame retardant oils or any water-based fluid to remove particulate contamination.

The dirt retention capacity for each filter is up to:

- **Particulate Contamination:** 2.5kg approx.
- **Water Removal:** N/A

Filter	Application	Filtration of	For use with	Buy
2088PP	Filtering	Coolant & Water Based Fluids	These filters fit the KU85 housings fitted to most FA-ST filter systems	Buy Now
2088PP6	Polishing	Coolant & Water Based Fluids		Buy Now

Filter Cartridges – KF65

The KF56 Range of filter cartridges fit the KU65 range of filter housings fitted **Only** to the MS1 12v Diesel Filtration System. This gives our filtration fleet fantastic flexibility allowing for the filtration of various fluids including oils & diesel fuel. The filter elements provide fineness of 1µm nom, 3µm absolute. Temperature operating range 0-125°C, +/- 5°C.

KF65 Oil & Diesel Filter Cartridges



FA-ST KF65 Oil & Diesel Filter element

The FA-ST KF65 oil & diesel filter cartridges are ideal for removing particulate contamination and water from lube oils and diesel fuel. The tightly wound filter media in these cartridges trap particles down to 3 micron in size removing large amounts of contamination that can build up in a system.

KF65: This filter offers the same filtration capabilities as the 1888H filter cartridge the only difference is that is a smaller filter with less contamination retention capabilities. Used mainly for Engines with Sump Capacity of 9 gal / 40 litres or hydraulic systems with tanks up to 120 gallons/540 litres.

Made from tightly wound filter media and a 1-micron 2mm base layer for finer filtration. Max temp 125°C Suitable for all types of engine oils and can also be used on diesel fuel and light hydraulic oil up to 32 viscosities. For light oils and diesel fuels from 2 to 46 viscosity at cold 0°C and ambient 23°C temperature and for warm/hot oils up to 220 viscosity and 125°C

The dirt retention capacity for each filter is up to:

- **Particulate Contamination:** 1.9kg approx.
- **Water Removal:** 950ml approx.



KU65 Bypass Filter Housing

Filter	Application	Filtration of	For use with	Buy
KF65	Filtering	Coolant & Water Based Fluids	KU65 Filter Housing fitted only to the MS1 12v Filtration System	Buy Now



Bypass Filter Cartridges

It is not only the offline filtration systems that FA-ST provide cartridges for we also offer a range of Bypass filter housings for both engines and hydraulic systems. If are using a FA-ST bypass filter housing 9758, 9768 or 9778 then you will find your replacement filters below.

1878 Engine & Hydraulic Bypass Filter Cartridges



FA-ST 1878 Oil & Diesel Filter element

The FA-ST 1878 oil & diesel filter cartridges are ideal for removing particulate contamination and water from lube oils and diesel fuel. The tightly wound filter media in these cartridges trap particles down to 3 micron in size removing large amounts of contamination that can build up in a system.

1878: This filter offers the same filtration as the 1888H filter cartridge the only difference is that is a smaller filter with less contamination retention capabilities. Used mainly for Engines with Sump Capacity of 9 gal / 40 litres or hydraulic systems with tanks up to 120 gallons/540 litres. With installation on General Commercials, and Heavy Industry.

Made from tightly wound filter media. For light oils and diesel fuels from 2 to 46 viscosity at cold 0°C and ambient 23°C temperature and for warm/hot oils up to 220 viscosity and 125°C.

The dirt retention capacity for each filter is up to:

- **Particulate Contamination:** 1.2kg approx.
- **Water Removal:** 870ml approx.



9778 Engine Bypass Filter



9778 Hydraulic Bypass Filter

Filter	Application	Filtration of	For use with	Buy
1878	Filtering	Diesel fuel and oil up to 220 grade in viscosity	9778 Engine Bypass Filter	Buy Now
			9778H Hydraulic Bypass Filter	

1868 Engine Bypass Filter Cartridges



FA-ST 1868 Oil & Diesel Filter element

The FA-ST 1868 oil & diesel filter cartridges are ideal for removing particulate contamination and water from lube oils and diesel fuel. The tightly wound filter media in these cartridges trap particles down to 3 micron in size removing large amounts of contamination that can build up in a system.

1868: This filter offers the same filtration as the 1888H filter cartridge the only difference is that is a smaller filter with less contamination retention capabilities. This filter fits the 9768 Engine Bypass Filter Unit, suitable for installation in confined spaces. Used mainly for Engines with Sump Capacity of 3 gal / 16 litres. With installation on small to medium commercial vehicles, generators, forklifts and 4WD's

Made from tightly wound filter media. For light oils and diesel fuels from 2 to 46 viscosity at cold 0°C and ambient 23°C temperature and for warm/hot oils up to 220 viscosity and 125°C.

The dirt retention capacity for each filter is up to:

- **Particulate Contamination:** 600g approx.
- **Water Removal:** 230ml approx.



9768 Bypass Filter Housing

Filter	Application	Filtration of	For use with	Buy
1868	Filtering	Diesel fuel and oil up to 220 grade in viscosity	9768 Engine Bypass Filter	Buy Now



1858 Engine Bypass Filter Cartridges



FA-ST 1858 Oil & Diesel Filter element



9758 Bypass Filter Housing

The FA-ST 1858 oil & diesel filter cartridges are ideal for removing particulate contamination and water from lube oils and diesel fuel. The tightly wound filter media in these cartridges trap particles down to 3 micron in size removing large amounts of contamination that can build up in a system.

1858: This filter offers the same filtration as the 1888H filter cartridge the only difference is that is a smaller filter with less contamination retention capabilities. This filter fits the 9768 Engine Bypass Filter Unit, suitable for installation in confined spaces. Used mainly for Engines with Sump Capacity of 3 gal / 16 litres. With installation on small cars, light commercial vehicles and vans, small generators, forklifts and 4WD's

For light oils and diesel fuels from 2 to 46 viscosity at cold 0°C and ambient 23°C temperature and for warm/hot oils up to 220 viscosity and 125°C.

The dirt retention capacity for each filter is up to:

- **Particulate Contamination:** 150g approx.
- **Water Removal:** 95ml approx.

Filter	Application	Filtration of	For use with	Buy
1858	Filtering	Diesel fuel and oil up to 220 grade in viscosity	9758 Engine Bypass Filter	Buy Now



www.FA-ST.co.uk
Filtration Analysis Services Technology Ltd
How clean is your oil ?

Oil & Fuel Sampling

With our wide range of sample bottles and containers our customers can take a wide range of samples including oils, diesel fuel, coolants, glycols and a selection of chemicals and other fluids. Supplying our customers with:

- Vacuum Sampling Pumps
- Sample Bottles
- Sample Tubing
- Complete Oil & Fuel Sampling Kits



Oil Analysis

FA-ST provide a comprehensive range of oil testing allowing you to determine the cleanliness, contamination, chemistry and identify wear particles in lubrication oils, diesel fuel, coolants, and greases etc. at our independent oil analysis laboratory.

With the support of the FA-ST oil analysis program you can consistently monitor the quality of the fluids used on your machinery & equipment, detect potential component failure, reduce maintenance costs and help decide the correct oil change intervals.



Oil Filtration

FA-ST have an extensive range of oil filtration equipment especially designed to remove particulate, water and magnetic particles from oils, diesel fuel, coolants & glycols. Working with some of the industries leading businesses we aim to bring you the finest filtration equipment on the market including:

- Oil, Diesel & Glycol Filtration Systems
- Filter Cartridges for a wide range of fluids
- Magnetic Pre-Filters
- Bypass Filter Systems



How Clean is your Oil?

For all your oil sampling, filtration & Analysis needs contact FA-ST:

Phone +(0)1246268900
Email: sales@fa-st.co.uk
Visit: www.oilsampling.co.uk

