



FAST Filtration Analysis Services Technology Ltd

OIL FILTRATION SOLUTIONS FOR INDUSTRY

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MS2 240v Light Duty Carry Frame Filtration Unit

MS2/LD/CF/240

- **Frame:** Carry Frame with integrated bund
- **Pump:** Light Duty Progressive Cavity Pump
- **Motor:** 240v motor with heat overload switch
- **Housings:** Twin 9788 Super Duty Filter Housings
- **Filtration of:** Diesel, Oils, Glycols & Water based fluids.
- **Flow Rate:** 600-1000 litres per hour (based on diesel)
- **Filtration for:** Storage Tanks & IBC's up to 1000 litres
- **Hoses:** 3m suction & return lines supplied as standard
- **Safety Features:**
 - Isolator & On/Off Switch
 - Safety leak detection float switch
 - Fitted with Quick Release Couplings
 - Pressure Relief Switch



Photograph for illustration only.
Actual product supplied may vary slightly in design.

Filtration Unit

A simple free-standing, offline, fluid cleaning rig, used for transfer or filtration of fluids. Built on a portable carry frame fitted with a progressive cavity pump, 240-volt motor, Twin KLEENOIL 9788 super duty filter units fitted with 1888H filter cartridges. Electrics consist of an on/off control, RED LED Power on, GREEN led running light, isolator/emergency stop switch, pressure relief switch, pressure gauge, and supplied with our standard hydraulic 3 metre suction and return lines, complete and ready to use. Quick Release Couplings fitted to the unit and to the hose assemblies are all supplied with dust caps and plugs. All units are built in house and fully tested before dispatch.

Filtration

The MS2 Light Duty Filtration Units are the ideal units for providing filtration on fluids up to 46 viscosity grade. Standard 1888 group of filter cartridges are for oils and diesel fuel and when used with the 2088PP & 2088PP6 filter cartridges these units will also filter water based fluids such as Glycol & fire retardant oils.. The Twin Units are ideal for routine maintenance of machinery, storage tanks and IBC's. They can also be used for providing permanent filtration and can be sited next to tanks continually circulating fluids. Being built on a strong robust carry frame the units are easily mounted on to a trolley and can be transported around sites.

These units are highly recommended for maintenance lines & factories with various small oil and diesel storage tanks.

Operating Temperatures: Within operating specifications of engine, gear and hydraulic oils.
Filtration Level: Particulate contamination in accordance with BS 5540 part 4: 1981 and ISO/DIS 4406. ISO equivalent to NAS 1638 class 6. (Hydraulic oil specification)

Additional Options:

- **Longer Hose Assemblies** – Suction lines for longer hoses *MUST* be primed before use or motor damage will occur
- **5" Magnetic Filter** – Ideal for removing up to 99% of ferrous debris

Filter Cartridges

The **1888 Range** of filters. Filter cartridges are 3 microns absolute and filter to 1 micron and will remove approx. 1 litre of water per cartridge and up to max of 2 kgs of dirt based on multi pass operation. They are manufactured from tightly wound cellulose impregnated long fibre paper. Polypropylene filters are available to filter all water and glycol-based oils and fluids. Based on normal use the average life span of cartridges under standard operating conditions will give 250-300 hours of continuous use.

Replacement cartridges can also be purchased directly from our Ecommerce at www.oilsampling.co.uk

Warranty 12 months on all parts. Full instruction manual and parts listing.

All Rigs are built 'in house' to order, available within 5 to 10 working days.

UK Manufactured. UKCA Compliant for UK. CE Compliant for Europe. Instruction manual.

BEFORE



Hyd Oil



Gear Oil



Diesel Fuel

AFTER



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Co Reg Number: 05525184 VAT Reg Number: GB843062838



MS2 240v Light Duty Carry Frame Filtration Unit

1888H Super Duty Filter Cartridge – Standard Filter Cartridge

The 1888H Filter Cartridge is the Standard filter used by FA-ST, providing excellent filtration on a wide range of oils & diesel. Capable of being used for most filtration jobs unless specialist filters are required. Applied to large mobile plant & industrial equipment.



Dirt retention capacity:

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

Size: Diameter: 198mm Height: 105mm.

Housing: The 1888H filter cartridge fits the **9788 / 9788H / 9788UMZ Super Duty** Filter Housing. The most common used by FA-ST fitted to most of our **Single Unit / Twin Unit / Four Unit / Eight Unit** Filtration Systems.

Used for Engines with Sump Capacity of 18 gal / 90 litres or hydraulic systems with tanks up to 300 gallons/ 1360 litres. 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 120 viscosity and 125°C

1888H Filter Cartridge Purchase & Pricing

1888SPT Super Duty Filter Cartridge – Polishing Filter Cartridge

The 1888SPT Filter Cartridge is the ideal polishing filter cartridge. Once heavy contamination has been removed the 1888SPT filter will allow for oils and diesel to be continually circulated and polished maintaining your oil & fuel. Applied to large mobile plant & industrial equipment.



Dirt retention capacity:

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

Size: Diameter: 198mm Height: 105mm.

Housing: The 1888SPT filter cartridge fits the **9788 / 9788H / 9788UMZ Super Duty** Filter Housing. The most common used by FA-ST fitted to most of our **Single Unit / Twin Unit / Four Unit / Eight Unit** Filtration Systems.

Used for Engines with Sump Capacity of 18 gal / 90 litres or hydraulic systems with tanks up to 300 gallons/ 1360 litres. 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 120 viscosity and 125°C

1888SPT Filter Cartridge Purchase & Pricing