

**MS8GP/240/T/**

- 8 x 9788 Super Duty Filter Units
- Haight 10U gear pump 1400-2200 litres per hour
- 230 volt 50 Hz motor with heat overload switch
- Sturdy 4 wheeled trolley with 2 locking wheels
- Safety by pass valve
- Polypropylene manifolds
- Pressure gauge
- Isolator & On/Off switch
- Pressure relief switch
- Float Switches in bunds
- Lower and upper level bund
- Sampling points
- Optional: Hour meter & Laser Particle Counter
- Spill Kit & Storage Box
- Quick Release Couplings
- Suction and return lines 1" BSP Fittings..



Photographs are for example only, actual product may differ slightly.

**Filtration Unit**

Filter rig with a Haight 10U gear pump and 50 Hz, 230/240 volt motor with 8 x 9788 super duty filter units with new cartridges mounted on manifolds. The electric controls consist of a mains isolator switch, on/off switch, red/green indicator lights and a run hours meter, where fitted the particle counter has its own on/off switch.

**Added safety factor:**

Bund float switches are used to prevent leakage of liquid as they automatically turn off the power supply to the motor. Filter housings are mounted within their own bund which is fitted with a float switch and the pump also has its own bund with float switch.

A safety by pass valve, pressure gauge, sampling points and sampling tube, quick release couplings are standard and we also offer a selection of lengths of suction and return lines. The unit is supplied complete with new filter cartridges and ready to use. The 8 unit rig will process approximately 1400-2200 litres per hour dependant on temperature and viscosity. This unit is ideal for all oils up to 120 viscosity and diesel fuel.

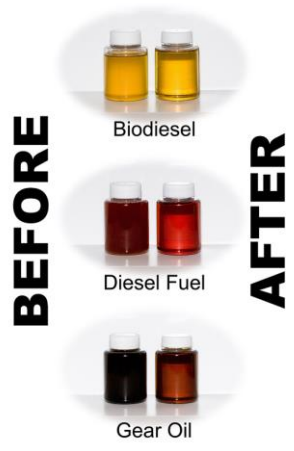
**Oil Flow Rate:** Output levels will vary and are dependent on viscosity, temperature and degree of contamination.

**Filter Cartridges:**

Filter cartridges are 3 micron absolute and filter to 1 micron, and will remove approx 1 litre of water per cartridge and up to 2 kgs of dirt. 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. Average life span under standard operating conditions 200-300 hours of continuous use.

Cartridges are available in different configurations based on the type of oil/fuel being filtered. 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)

**Operating Temperatures:** Within operating specifications of engine, gear and hydraulic oils.



### Optional Extra:

#### Particle counter

Monitor oil contamination in real time, plot ISO cleanliness levels and directly link to PC with interface and trending software. Simple to use with instant LED readout for visible results and with a built in data storage memory board for downloading all relevant data which enables the user to record data to text files which are then imported in to excel format to create real time reports, in tables and graphs.

#### FEATURES

- ✓ Particle Counter OLPC6-1: Laser: 650nm Class 1 Laser Product to IEC825-1:1993 requirements
- ✓ Flow rate of 50-500 ml/minute (above 500ml an external flow control valve is required)
- ✓ Counting Channels: 4 Sizes (switchable) monitor ISO 4 $\mu$ , 6 $\mu$ , 14 $\mu$ , 21 $\mu$ , NAS class and SAE.
- ✓ Records oil temperature
- ✓ Integrated voltage transformer for 12 volt supply.
- ✓ For use with hydraulic, fuel and lube oils (mineral or synthetic)
- ✓ Temperature & Viscosity: -20 to 80<sup>0</sup> C (operating Temperature) 2cSt and greater
- ✓ Unit has LED display for ISO, Temp, Peak and Alarm facility
- ✓ RS232 PC connector or optional data storage memory board with USB interface cables.
- ✓ Connect permanently to the filter rig
- ✓ DDE Operating and trend software to produce real time reports and monitoring
- ✓ Full instructions and user manual supplied on the installation disc.
- ✓ Visual LED readout factory set at 1 or 5 minute intervals



#### BENEFITS

- Instant readout and on line monitoring
- Reduces time in identifying contamination
- Reduces maintenance downtime
- Cost effective
- Easy to operate
- No yearly calibration fees
- Technical support guaranteed
- Low maintenance (no moving parts)
- Long life laser
- Rugged construction

