Micro Filtration Unit

MS2GP/240/T/PC
Twin 9788 Super Duty Filter Units
Haight gear pump approx 700-1200 litres per hour
230/240v motor with heat overload switch
Upright trolley with twin wheels
Safety by pass valve
Polypropylene manifold
Pressure gauge
Isolator & On/Off switch
Pressure relief switch
Pressure Gauge
Sampling points
OLPC6 Laser Particle Counter
Quick Release Couplings
3 metre suction and return lines.

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

MS2GP/110/F/PC
As above but with 110volt motor, skid frame,

MS2GP/400…….
As above but with 400 volt motor in either skid frame or trolley.

Filtration Unit
Twin filter unit mounted on a twin wheeled upright trolley fitted with a Haight gear pump and 50 Hz, 230/240 volt motor with twin 9788 super duty filter units with cartridges mounted on a manifold.
The electric controls consist of a mains isolator switch, on/off switch, red/green indicator lights and pressure overload cut out switch, the particle counter has its own on/off switch.

A safety by pass valve, pressure gauge, sampling points on inlet and outlet are fitted as standard and the unit is also supplied with a sampling tube, quick release couplings and 3 metre suction and return lines, supplied complete and ready to use. The twin unit rig will process approximately 700-1200 litres per hour dependant on temperature and viscosity.

Optional extras:
Steel bund
Safety float switch
5” magnet pre-filter
Castor wheels (for the bund or for the skid frame)
Longer hose assemblies
Atex/Ex motors & electrics

Unit supplied ready to use.
Oil Flow Rate: Output levels are dependent on viscosity, temperature and degree of contamination.
Warranty 12 months on all parts. Full instruction manual and parts listing.
All Rigs are built to order and normally available within 5 to 10 working days. UK Manufactured.

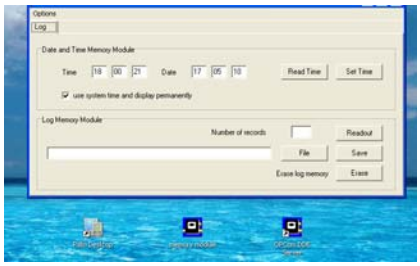
Particle counter:
Monitor oil contamination in real time, plot ISO cleanliness levels and directly link to PC with interface and trending software. Simple to use with instant LED readout for visible results and with a built in data storage memory board for downloading all relevant data which enables 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 4µ, 6µ, 14µ, 21µ
- ✓ Records oil temperature
- ✓ Housed in a steel IP55 enclosure
- ✓ Integrated voltage transformer for 12 volt supply.
- ✓ For use with hydraulic, fuel and lube oils (mineral or synthetic)
- ✓ Temperature & Viscosity: -20 to 80^0 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.
- ✓ Mini-mess test point connectors direct to 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 at 1 to 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 (carriage costs may apply)
- ➢ Technical support guaranteed
- ➢ Low maintenance (no moving parts)
- ➢ Long life laser
- ➢ Rugged construction



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.

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.