



“Take your filtration process to another level..”

MINERAL OIL FILTRATION UNIT

Reliable treatment solution for hydraulic mineral oil

PRODUCT FEATURES

Portable and Stationary Filtration Units are supporting systems to prevent solid particulates pass through critical hydraulic operation. The system is designed to treat your mineral oil with:

- ⌘ Compact and portable design
- ⌘ Fast cleaning time
- ⌘ High-efficiency filtration rating
- ⌘ Simple and convenient set up & maintenance

The system can afford the required cleanliness standards using ultra-fine filter element. It is an economical choice to fit customer requisition to optimized high separation efficiency and service life.



| GENERAL SPECS | MEDIUM FLOW SERIES | HIGH FLOW SERIES |
|------------------|--|-----------------------|
| Flow Rate (lpm) | 30 / 60 / 80 | 100 / 120 / 150 / 200 |
| Pressure (bar) | Max. 15 | Max. 10 |
| Pump Driven* | Electric Motor | |
| Optional Sensor | Water & Contamination Sensor / Flow Rate Totalizer | |
| Filter Rating | 1 / 3 / 6 / 10 / 15 / 25 / 40 / 60 | |
| Fluid Viscosity | 4...3000 mm ² /s | |
| Electrical Power | 220 VAC or 380 VAC | |

**other user specification to be consulted*



CONTAMINATION CONTROL

A hydraulic system is exposed to a wide variety of contaminants over its entire service life. Solid particulate is the most accumulated contaminants in the system from the outside (fresh oil; improper breather) or system wear. It has many consequences if it is not removed properly.

Our system offer overall unit sizes that designed to satisfy cleanliness level with high Beta Ratio Filtration Efficiency . The system only require target connection inlet, outlet and electrical supply.

"We make the world more productive systems, providing clever filtration & separation solutions to preserve your invested asset value."

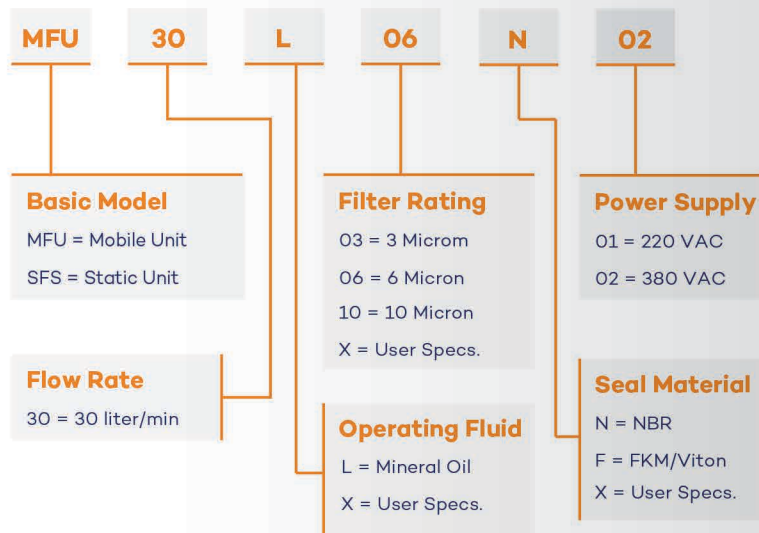
Our solution was proved to be very simple and easy to operate, yet it runs extremely effective to cleaning up particulates in short time. We provide a comprehensive solution with online particulate monitoring system on board, allow our customer easy to monitor their valuable asset.

Unit operation is independent, but has direct impact for working cycles of the machine. Thus, the filter elements substitution is safe without disturbing the working process of main machines.

UNIT FLOWRATE SIZING

| Oil Viscosity (ISO VG) | Tank Volume (L) | Unit Flow Rate (L/min) |
|------------------------|-----------------|------------------------|
| 32 46 68 | ≤ 300 | 30 |
| | ≤ 600 | 60 |
| | ≤ 1200 | 80 |
| | ≤ 2000 | 100 |
| | ≤ 3000 | 120 |
| | ≤ 4000 | 150 |
| | ≤ 6000 | 200 |

ORDERING CODE*



*Other user specification to be consulted

CRITICAL PARAMETERS

For most hydraulic mineral oil applications, the critical parameter need to meet as follow:

1. Purity level: at least class 16/14/11 (ISO Class 4406:1999)
2. Water content: less than 500 ppm

