



“Take your filtration process to another level..”

OIL-WATER FILTRATION UNIT

Reliable treatment solution for excessive water in oil

PRODUCT FEATURES

Mobile Filtration Units (MFU) with water removal are supporting systems to prevent excessive water and solid contaminants pass through oil application. The system is designed to treat your hydraulic and lubricating oil with:

- ⌘ Compact and portable design
- ⌘ Fast cleaning time
- ⌘ High-efficiency filtration and water removal
- ⌘ 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	LOW FLOW SERIES	MEDIUM FLOW SERIES
Flow Rate (lpm)	10	20
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*



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CONTAMINATION CONTROL

A hydraulic and lubrication system is exposed to fluid degradation over its entire service life. Hydrolysis, microdieseling, oxidation, thermal degradation and the formation of metal soaps are common issues. It creates many problems due to those contaminants.

Oil degradation that associated with oxidation due to heat, contamination, and hydrolysis is maintenance costly. Water and particulate must be filtered out and needs cost-wise solution to remove contaminants from oil without a complete oil change.

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

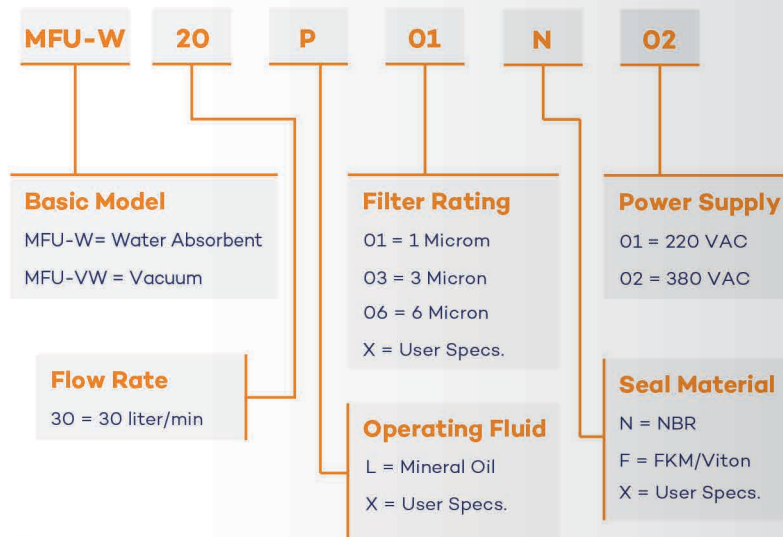
Our solution was proved to be very simple and easy to operate, yet it runs extremely effective to cleaning up contaminants in short time. We provide a comprehensive solution with online particulate monitoring system on board, allow our customer easy to monitor their valuable asset.

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 SPECIFICATION

Parameter	MFU-W	MFU-VW
Flow Rate (L/min)	20	20
Viscosity (ISO VG)	32; 46; 68	32; 46; 68; 220
Tank Size (Liter)	≤1200	≤2500
Application	Hydraulic	Hydraulic & Lube
Water Removal	500 ml	Unlimited
Filter Rating	1 micron	1 micron

ORDERING CODE*



*Other user specification to be consulted

CRITICAL PARAMETERS

For most hydraulic and lubricating 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: 200-500 ppm

