

Asset Management Filtration Station

Introduction

The Asset Management Filtration Station (AMFS) is the next generation filtration and monitoring solution from Schroeder Industries. The AMFS maintains a history of your equipment's hydraulic fluids to ensure the maximum return is achieved on each piece of equipment. The AMFS is equipped with an industrial strength, touch screen computer and custom software that runs and records the fluid ISO cleanliness condition. Each run generates its own specific report (in MS Excel) that tracks the fluid condition (cleanliness and water saturation) and provides real-time data. The management of your equipment's health can be logged and recorded, maintaining a continuous record of your equipment, while cleaning the fluid at the same time. Once a machine asset number or name is entered, the AMFS filters the fluid to the selected ISO cleanliness and shuts down automatically.

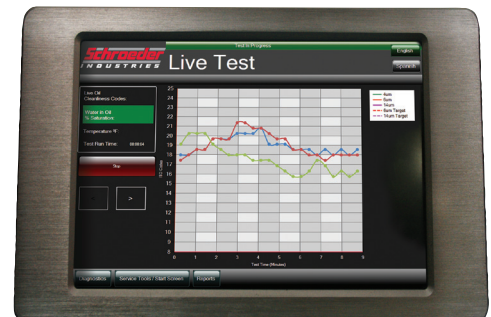
The on-board screen provides a graphical display, indicating the progress of the cleaning of the fluid, as well as the desired target cleanliness level. Once complete, the report is generated on a spreadsheet by date and time. Each time a filtration cycle is initiated, the PC will add a TAB "worksheet" to the existing report. This will provide a complete history of the fluid condition in one location that can be used for trending analysis.

AMFS



Features and Benefits

- Asset management of hydraulic systems
- Maintains a record of the fluid condition for trending and predictive maintenance
- Robust, touch screen computer (*see image at right)
- Real-time monitoring of ISO cleanliness and water saturation
- Automatic shut down when the desired ISO code is reached
- Integrated USB port for data retrieval



Touch screen computer

Specifications

Flow Rating: 5 gpm (19L/min)

Motor: 1.5 HP – 15 Amp at 120 volts AC

Viscosity: up to 1000 SUS (216 cSt)

Max Pressure: 180 psi (12 bar)

Operating Temperature: -20 F to 150 F (-29 C to 65 C)

Bypass Valve Setting: 30 psi (2 bar)

Compatibility: All petroleum-based hydraulic fluid compatible with Viton®

Element Change Clearance: 17.5" for 2K/ 26.5" for 27K

Weight: 200 lbs. (91 kg) -approx.

Dimensions: 26.6" x 25.25" x 50.0" (675 x 641 x 1270 mm)

Applications

- **Mobile Equipment**
fleet service providers
- **In-Plant**
for maintaining and extending the service life of equipment

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