

Maintainer



In-Field Filtration System

Maintainer Corporation of Iowa, Inc.
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MAINTAINER'S IN-FIELD FILTRATION SYSTEM

This environmentally conscious system is designed to cycle existing hydraulic fluid from the equipment through the micro filters to free the fluid of harmful particle and free-water contaminants. Implementing a hydraulic system filtration program can reduce your hydraulic fluid replacement costs by **75%** and **DOUBLE** the life of your hydraulic components. That means **50%** less pump failures.

SPECIFICATIONS:

- o Flow rate: 15-20 GPM
- o Utilizes (2) 5-micron particle filters and (1) 10-micron free-water filter
- o Each filter has an indicator light showing if filter/system is working (green light)
- o Each filter has an indicator light showing if filter needs replacement – clogging indicator (red light)
- o A by-pass valve allows fluid to circulate without running through filters to warm the system.
- o Utilizes our standard lube manifold block and large Commercial Shearing lube motor/ pump kit to operate.



OPTIONS:

- o An in-line particle counter. Conforms to ISO standards and monitors fluid contaminate levels while system is operating.
- o Computer interface module to collect and store data.
- o Additional elements are available to support the filtration of other fluid types.

VALUE PROPOSITION

- o **No auxiliary power supply required.** Utilizes our standard hydraulic system and components.
- o **No carts to lug around.** Integrated into the service, combo, or lube body configuration.
- o **Faster processing time.** Larger flow rate than most systems. (15-20 GPM vs. 5-10 GPM)
- o **Reduced filter element replacement costs.** Larger elements with increased contaminate holding capacity.
- o **Secure compartment protection.** A lockable compartment provides security from vandalism and inadvertent damage.
- o **No more pre-draining the canister to replace element.** Easy access to the filter elements through the top of the compartment.
- o **No more messy and costly contaminating spills.** Fluid collector located under the filters catch spills and a ball valve drain provides for safe cleanup.