



Fluid Power Specialist



SERVICING TANK MOUNTED FILTERS

Mounting and Operating Instructions

The Lenz series of tank mounted filters (LIT, RTF, LTF, TFR, LITB, TM, TIF) are designed with NPT or SAE threaded connections and on the larger (TM, TFR) filters the ports are a flange port.

The oil flows through the filter element from the outside to inside of element which makes servicing the filter relatively easy. Only the TFR series is in an "out in" flow direction through the filter. Our filters can be ordered with visual or electrical clogging indicators, which will assist in determining the maintenance intervals. If your filter does not have an indicator the first maintenance should take place after 30 hours of operation. Future maintenance intervals will be determined by the contamination level of the fluid. The LITB series have an additional breather filter for the air connection of the tank which also needs to be serviced.

Servicing Instructions

We offer basically 2 types of filter elements. The first type is a cellulose or synthetic media which after use is a disposable filter element.

The second type is a wire mesh element which offers the option of a cleanable element. You can also dispose of the element and replace with a new one.

The tank mount filters all have a filter lid which is assembled to the filter housing and must be removed in order to gain access to the filter element. Remove the lid and the hold down spring, to gain access to the filter element. Once the element is visible, reach in and pull the element out of the bowl assembly and place in drip pan or container.

Now reach in and remove the bowl and drain the bowl into your container. Make sure you clean the sludge from the interior of the bowl and replace any seals that you feel are necessary. Replace the bowl in the filter housing.

If you purchased a new element (cellulose or synthetic) now install the element into the bowl. If you are using a wire mesh and are going to clean the element (see technical bulletin TB.FIL.03.708) for tips on cleaning the element. After cleaning the element place the element into the bowl.

Repeat the procedure to assemble the filter.

If you have a LITB filter replace the air breather element with the new unit you purchased.

You are now ready to start up the system.



RTF



TIF



LTF



LITB



LIT



TMR-TMS



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