

APPLICATIONS:

- Transferring new fluid from drums or storage tank to system reservoir
- Complementing existing system filtration on a preventative maintenance program
- Filtering new fluid before putting into service
- Removing water from hydraulic or lube oils
- For use with fluids such as hydraulic, gear, lube oil, water soluble fluids and coolants. Call factory regarding compatibility.

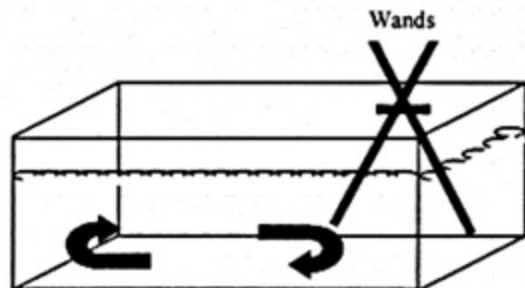
WIX Filter Carts are an ideal way to pre-filter and transfer fluids from one container to another or to recirculate fluid (kidney loop filtration) in a reservoir to remove particulate and water contaminants in existing systems.

New fluid should always be filtered before putting into use. New barreled oil on average contains 7 grams of dirt. Most new fluids are unfit for use due to high initial contamination levels. Contamination, both particulate and water, may be accidentally added to a new fluid during processing, mixing, and handling and storage.

WIX Filter Carts can also remove water by the use of an aqua absorbing filter elements. We use Norman aqua absorbing elements remove up to 29 oz. of water from hydraulic oil, while filtering particulate down to 3 micron absolute.

Operating Instructions

- 1) Insert the inlet wand assembly into the supply fluid drum/reservoir. The inlet wand is connected to the "Y" strainer prior to the pump.
- 2) Insert the outlet wand assembly into the transferring drum/reservoir. If filtering oil on existing equipment reservoirs, locate the inlet wand away from the outlet wand to prevent a direct flow path.



Place wand ends
apart from each
other to maximize
fluid circulation.



The **WIX Filter Carts** utilize two stage filtration. The first stage (primary) for larger particles, the second stage (secondary) for finer particles. The "Y" strainer (located at the pump inlet) protects the pump from all visible contaminants prior to filtering.

- 3) Verify that the ON/OFF switch is OFF and plug the cord into an 115VAC 10A grounded outlet (3wire).
- 4) Turn switch to ON position and check outlet wand to verify for oil flow. Allow approximately 30 seconds for filters to fill with oil on the initial start up.
- 5) The condition of the filter elements should be monitored by the gauges located on the filter head. When the differential pressure gauges read in the red area turn OFF the filter cart and replace filter elements.
- 6) The Y strainer located before the pump should be periodically examined and cleaned if needed.

Trouble Shooting

<u>PROBLEM</u>	<u>CAUSE</u>	<u>SOLUTION</u>
Does not start.	ON/OFF switch	Turn switch ON, replace if defective
	Defective motor overload	Replace motor overload (located in switch housing)
	No electrical power	Check power supply
	Defective motor	Replace motor
No oil flow.	"Y" Strainer	Check "Y" strainer for contamination blockage.
Erratic pump noise.	Defective pump or suction leak	Replace pump. Check hose for loose connections.
Gauges read in yellow or red zone.	Element reaching maximum dirt holding capacity.	Install new elements.
	Oil is extremely cold or viscous.	Change element to coarser micron.