

## OS-0331-R Offline Filter

### Application

The OS-0331-R from OilScrubber.com is used for the maintenance of fluids for power transmission, lubrication, cooling and quenching.

The OS-0331-R removes small particles, degradation products and water.

### Function

The filter pump draws fluid from the hydraulic elevator reservoir and presses it through the filter insert. From the center of the insert, the fluid flows through the filter base and returns to the tank.

The pressure drop, from contaminant absorption of the filter insert, is monitored from the pressure gauge on top of the filter.

### The Filter Pump

The filter pump is a gear wheel pump and can be wired 120v or 240v AC.

### The Filter Insert

The filter insert consists of several discs bonded together. The filter media is either cellulose or cotton linters depending on fluid to be filtered.



OS-0331-R

#### Filtration Ability

##### Particle Removal

- 3µm absolute:  
98.7% of all solid particles > 3µm are retained on the first pass.
- 0.8 µm nominal:  
50% of all solid particles > 0.8µm are retained on the first pass.

##### Water Removal

The water absorption potential is up to 50% of the total contaminant holding capacity.

	Technical Data	
Pump Flow	gal/hr	+/- 32
Pump Inlet pressure, max	Psi	7
Power consumption, avg.	kW	0.18
Oil temp, max	°F	176
Dirt holding capacity	Gallons of evenly distributed solids	.4
Water absorption potential	Gallons	.2