



## FCLVAW Portable Filter Cart for AW Hydraulic Oils with Sludge and Varnish Problems

High efficiency particulate removal ( $< 0.7\mu$ ), water & insoluble sludge & varnish removal.

Ideal for AW type hydraulic fluids where sludge build-up is causing valve stiction.

Reduce ISO codes to  $<14/12/9$  and prevent sensitive servo valve contamination related failures.

Prevent premature oil replacement and extend useful oil life.

Ideal for use in plastic injection molding, steel mill and other hydraulic control applications.

### Fluid Compatibility

AW mineral based hydraulic oils and specified synthetic fluids (contact factory for details)

### Plastic molding skin Injection & Clamp valve with varnish deposits

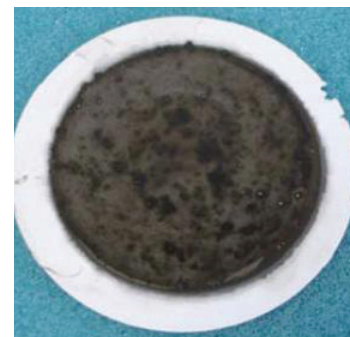


### Performance

The filter patches below show the oil cleanliness improvement. 30 days after installing the FCLVAW-1 the MPC value had dropped from a critical value of 88.107 to a condition normal value of 9.610. By maintaining clean fluid deposits don't form in the valves and over time the clean can cause a reduction in existing deposits throughout the system. (filter patches analyzed by Method Membrane Patch Colorimetric (per ASTM D02.C0.01 WK 13070).

#### BEFORE

MPC  $\Delta E = 88.107$



#### AFTER

MPC  $\Delta E = 9.610$

