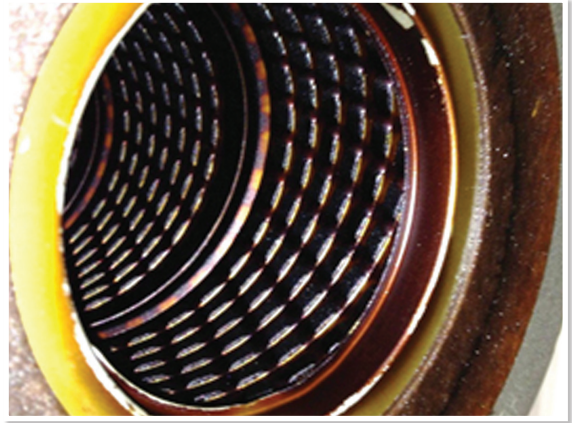
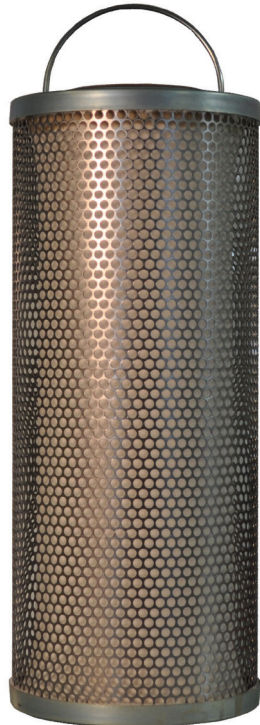


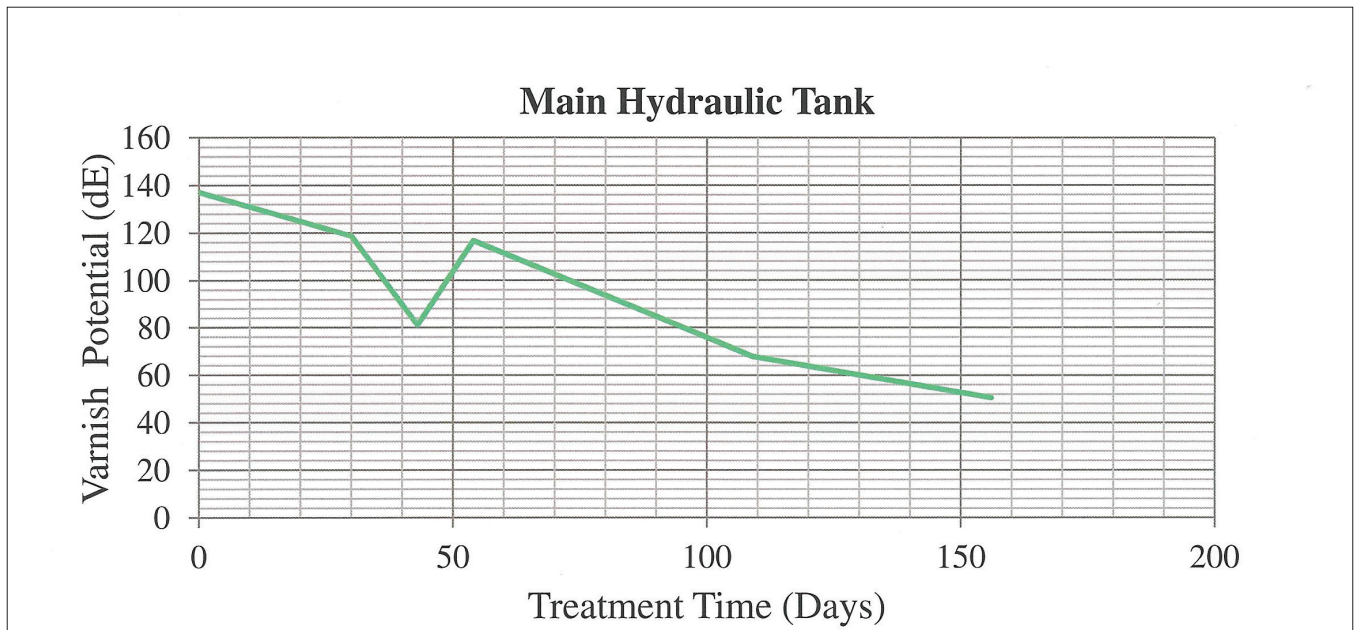
# HILCO® Patented Dry Resin Ionic Exchange for Varnish Reduction



Varnish formation is a common problem in the lube and hydraulic systems of today's turbomachinery. The severity of the varnish formation can be aggravated by the specific oil chemistry, hot spots in the lube oil system, and static discharge. Hilco's ionic exchange technology has proven to be an effective method in reducing varnish potential in a wide variety of applications in both mineral and synthetic fluids.



*(Downstream side of a typical lube oil filter element reveals a severe varnishing condition after being in service for eighteen weeks)*



*(The graph above illustrates the reduction of varnish potential in a severely contaminated phosphate ester hydraulic system after installation of Hilco's ionic exchange media)*

# SPECIFICATIONS

## BENEFITS

Benefits of utilizing Hilco's patented dry resin ionic exchange technology include:

- Cost effective treatment method
- Effective in a kidney loop arrangement
- Adsorbs varnish and acids
- Adds nothing to the fluid



*(Resin beads are clean and will not migrate or add anything to the fluid)*



## The Hilliard Corporation

100 West Fourth Street

Elmira, New York

14902-1504 USA

PH: 607.733.7121 | FAX: 607.737.1108

hilliardcorp.com | hilliard@hilliardcorp.com

YOUR LOCAL REPRESENTATIVE:



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