Stationary Filter Systems

For removal of particles, water, acid, or varnish, from insulating oil, rolling oil, coolants, hydraulic fluid, lubricating oils, seal oils and most other industrial work fluids.
Dry and clean oil, minimize

Engineered to maximize water and particle removal and increase on-stream life

Hilco stationary filter systems are designed for increased efficiency, compact sizing, and reduced cost. Designed to restore industrial oils used in hydraulic circuits, lubrication systems, transformers, machine centers and quench tanks. Hilco filter cartridges provide efficient filtration of industrial oils by removing particles, free water, acid molecules and varnish particles to restore oil to like new condition.

Hilliard’s simplified design features are self-contained to eliminate outside contamination and they are equipped with integral pump sets and ball valves for safe, convenient operation and available in single cartridge, multi-cartridge, simplex, multiplex and duplex designs.

Standard models -- Options added easily

Standard models have capacities up to 6,000 GPH; and the modular design of the new dryer filters allows options to be easily added for more demanding applications.

Among the many available options are outlet sight glass, a discharge relief valve, an automatic air eliminator, and a flow meter.

Hilco media available in filter cartridges:

- Pleated Cellulose
- Pleated Synthetic
- Stacked Cellulose Disc
- Water Sorbent
- Anti-Static
- High Dirt Glass Tube

- Stainless Steel
- Fullers Earth
- Activated Alumina
- Selexsorb
- Ionic Resin

The Hilliard tradition of quality

All Hilco products are backed by Hilliard’s tradition of quality, engineering, and service.

At Hilliard, we do more than manufacture quality standard products. Every effort is made to provide the best product to meet your specific application.

For more information on quality Hilco products, contact the Hilliard Corporation or a Hilco representative.

Standard Available Features:

- Compact size
- Automatic air vent (on vessel)
- Ball valves
- All-steel vessel construction
- Inlet “Y” strainer
- Inlet sight glass
- Positive displacement pump with built-in bypass valve
- Meets NEMA 4 requirements
- Totally enclosed motor
- Throwaway filter cartridges
- Inlet/outlet pressure gauges
- Cover lifters are furnished on larger models

Benefits:

- High efficiency and reliability
- Low cost
- Low pressure drop
- Fewer cartridges
- Lightweight, compact design
- Minimum maintenance required

Options:

- Outlet sight glass
- Discharge relief valve
- Automatic air eliminator
- Flow meter
- Four-way valve
- Hoses
- Hose reels
- Portable base
- Over-the-road trailer
- Drip pans
- Higher flow rates
- Differential Pressure Gauges
- Special units can be designed to meet your requirements
Dry and clean insulating oil, minimize maintenance and off-line time.

**Typical Flow Schematic**

**Oil testing service**

Through our extensive laboratory facilities, we can provide the following tests:

- Dielectric breakdown voltage of insulating oils of petroleum origin using VDE electrodes -- ASTM 1816.
- Dielectric breakdown voltage of insulating oils using disk electrodes -- ASTM D877.
- Water content in insulating liquids (Karl Fischer Method B) -- ASTM D1533.
- Neutralization number by Potentiometric Titration -- ASTM D664.
Why Should You Buy HILCO® Products?

HILCO® — a trusted name in the industry
Ask anyone. HILCO® has earned its reputation as an industry leader and a manufacturer of quality, “Made in the USA” products.

The right product for the application
We listen to our customers’ needs and deliver quality engineered HILCO® systems to meet the requirements, even if it is not something “off the shelf.”

Dependable and service oriented
With established filter companies changing ownership and new ones emerging, dependability has become an issue. HILCO® is one of the oldest filter equipment companies in the world with over 85 years experience in critical filtration and separation applications. We stand behind our products and will offer timely technical assistance.

One-stop shop for critical filtration needs
Why buy filter cartridges, housings and transfer valves from three different sources when all these products can be supplied by one quality company? Because we manufacture these products, we have an advantage in meeting your specific space requirements. For example, transfer valves can be welded in different configurations on the filters and/or smaller high flow cartridges can be utilized to reduce valuable floor space and cost. Ask about our custom capabilities.

Among the products HILCO® manufactures:

Cartridge housings and transfer valves designed for up to 5000 psi in both carbon and stainless. Filter housings are made to ASME Code (holder of U, UM and R stamps). HILCO® has many standard designs registered in Canada and builds duplex systems to API-614 and other codes around the world. Integral duplex housings are also available.

Oil conditioning cartridges to remove water and acid.

Filter Cartridges with efficiencies from 99.5% at 1 micron to open screen baskets and pleated elements with collapse pressure ratings from 100 to 2000 psi.

Filter Systems, including reclaimers and vent mist eliminators.

All HILCO® Products are manufactured in Elmira, New York.

We’re confident you’ll specify HILCO® products for your application.