

# Stationary Filter Systems



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



**Hilliard**  
HILCO<sup>®</sup> DIVISION

# 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	Stainless Steel
Pleated Synthetic	Fullers Earth
Stacked Cellulose Disc	Activated Alumina
Water Sorbent	Selexsorb
Anti-Static	Ionic Resin
High Dirt Glass Tube	

## 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:

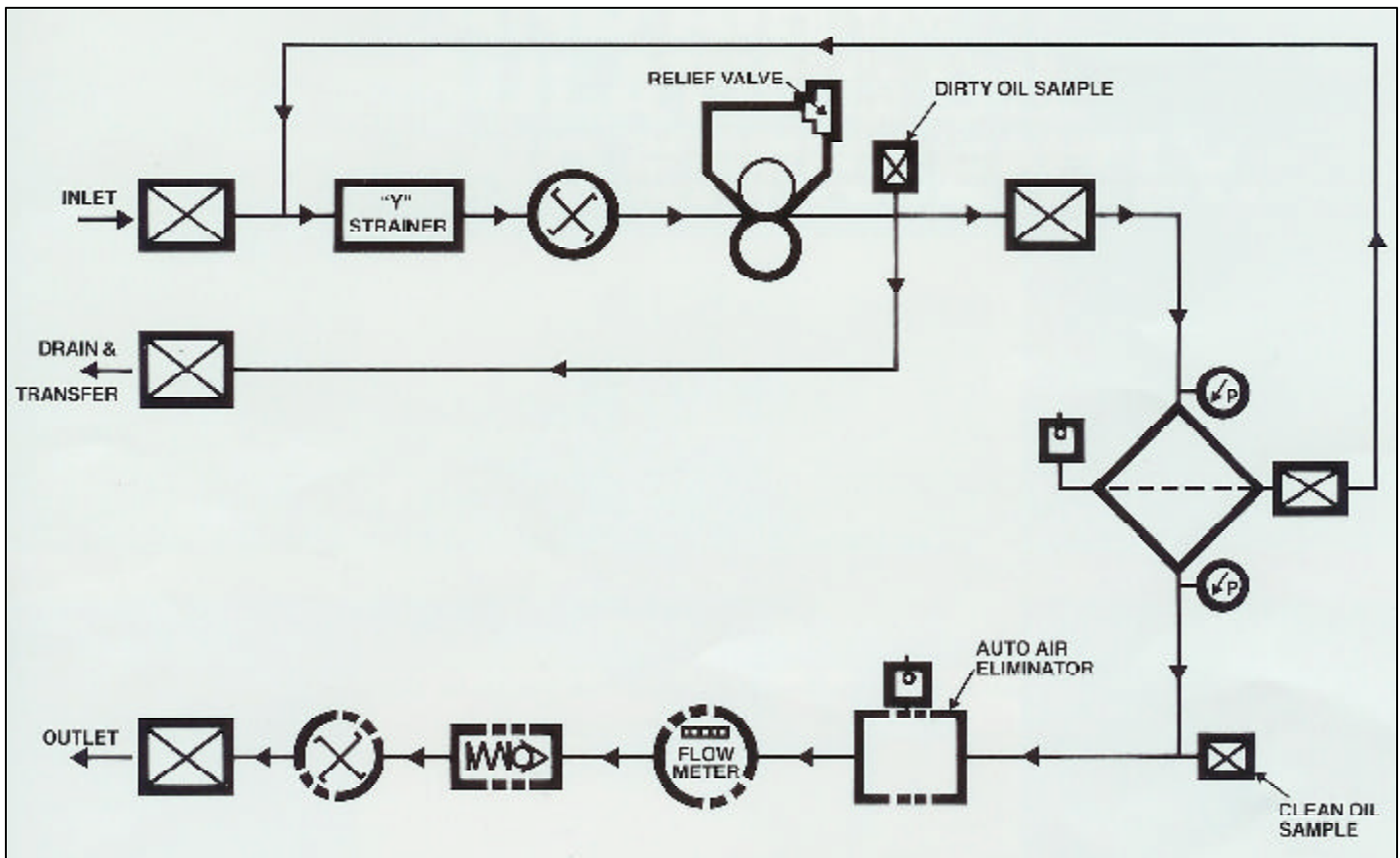
- ◆ High efficiency and reliability
- ◆ Low cost
- ◆ Low pressure drop
- ◆ Fewer cartridges
- ◆ Lightweight, compact design
- ◆ Minimum maintenance required

## 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

# 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 liquid petroleum products by Karl Fischer Reagent -- ASTM D1744.
- Water content in insulating liquids (Karl Fischer Method B) -- ASTM D1533.
- Neutralization number by Potentiometric Titration -- ASTM D664.

