



INDUSTRIAL FLUID SYSTEMS

Servo/EHC Oil Purification System

Standard Features

- 60 GPH Process Flow Rate
- 3kW Heater w/Programmable Temperature Controller
- Dry Seal Vacuum Pump w/ Oil Sump
- Electrical Controls w/ "On" indicator and status lights
- 120V-1Ph-60Hz Power
- Adjustable Flow Control
- W26" x L48" x H48"
- Sample Ports
- Pressure Gauge
- Non-Re-settable Hour Meter
- ASL Electrostatic Filter
- 20' Electrical Cord
- One Year Warranty
- Operational & Maintenance Manual w/ Spare Parts List

Safety Features

- High Temp Shutdown Circuit
- High Oil Level Shutdown
- High Condensate Tank Shutdown

Standard Options

- Moisture Sensor
- Inlet & Outlet Hoses
- PLC Control Screen
- Feed Shutoff Valve
- Flow Meter
- Auto Condensate Drain

002-205-DTE

An EHC system needs clean, dry oil to operate efficiently. Keeping the oil clean and dry can be a challenge due to the environment found in a typical power plant or co-gen system.

Electrostatic filtration proved to be an excellent way to remove micron size particles. It is easily backflushed eliminating the need for disposable elements. The problem was keeping the water level low enough for the electrostatic system to operate efficiently. Industrial Fluid Systems integrated the Ultra Vac vacuum dehydrator with an electrostatic filter to solve the problem.



This system has been also been used on high precision servo controlled simulators to maintain smooth steady motion control.

For more information on this and other oil purification and recycling systems contact Industrial Fluid Systems.

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