

HILCO EHC Fluid Conditioning System



The fluids used in the high pressure electro-hydraulic control systems (EHC) of steam turbines present a unique set of problems. These fluids are typically a fire-resistant, synthetic phosphate ester base which require continuous filtration in order to maintain proper lubricant characteristics.



HILCO Model 36717-530401052 Fluid Conditioning System



The local operator interface panel displays the system's operating status at all times.

HILCO has recently developed a self-supporting, manifold design system ideal for the fluid conditioning needs of the EHC system operators. The system incorporates Hilliard's patent-pending dry resin ionic exchange cartridges for acid control (TAN), while moisture and particulate contamination are maintained by a set of Hilsorb dryer cartridges. The system has a multitude of pumps, motors, and instrumentation that are all controlled by an onboard PLC.

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