



## Lube Oil & Hydraulic Oil Purification Solutions for the Power Generation Industry



- Equipment Sales*
- Equipment Rentals*
- Service Assistance*
- Start-Up Assistance*
- Training*
- Consulting*
- Custom Solutions*



Critical lube oil applications in the Power Generation market demand the performance and support provided by the Pall/Fluid Flow Oil Purification team.

## Lube Oil Purifiers

Pall's purifier technology utilizes the principles of mass transfer and vacuum dehydration to provide efficient removal of water and gases from critical lubrication, hydraulic and dielectric oils. Removal rates of 100% of the free water and free gases, up to 80% of dissolved water and dissolved gases and 99.9% removal of particulates  $\geq 3$  microns are achieved with Pall's advanced purifier technology.



HLP6

## Application Solutions

<b>Main Turbine Lube Oil</b>	In-line & kidney loop purifier/filtration/conditioning options
<b>Boiler Feed Pump Lube Oil</b>	Kidney loop purifier & filter skid options
<b>Hydrogen Seal Oil</b>	Upgrade strainer technology to Pall duplex Beta filtration
<b>EHC Hydraulic Fluid</b>	Ion Exchange Systems to control acidity, resistivity, water content & particulate cleanliness
<b>Pulverizer Gear Oil</b>	High viscosity in-line & kidney loop purifier/filter skid options
<b>FD/ID Fans Lube Oil</b>	Kidney loop filter skid options
<b>Scrubber Gear Oil</b>	High viscosity purifier & kidney loop purifier/filter skid options

## Pall Lube Oil Purifier Product Line-Up\*

Model	Capacity	Description
<b>HLP6</b>	6 gpm	Next generation purifier based on 30 years of field experience
<b>HVP903</b>	15 gpm	Workhorse in Power Industry for over 20 years
<b>HLP22</b>	22 gpm	Soon to be released purifier based on HLP6 platform
<b>HVP2703</b>	45 gpm	Workhorse in Power Industry for over 20 years
<b>HLP50</b>	50 gpm	Soon to be released purifier based on HLP6 platform
<b>TLC125</b>	125 gpm	Turbine Lube Oil Conditioning System integrating liquid/liquid coalescing, vacuum dehydration and high flow particulate removal in one unit

\* Custom separation and filtration skids are available designed to meet your specific requirements



TLC125

*Reliability · Ease of Use*

## Pall VRF Varnish Remediation System

*for combustion and steam turbine lubrication  
and control systems*

VRF provides rapid and stable reduction in varnish potential utilizing specially designed adsorptive media. Outlet filtration with Pall Ultipleat SRT technology, antistatic and rated at B12(c)>1000, provides additional protection and cleanliness.



VRF11



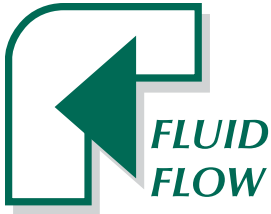
### Pall Oil Filtration Products

Complete line of glass fiber Beta(c)=1000 rated Ultipor III, Ultipor SRT, & Ultipleat SRT filter assemblies and elements for the highest quality in lube & hydraulic oil particulate filtration, both standard media as well as the latest anti-static filter technology.

### Additional Capabilities

- Ion exchange modules for controlling Total Acid Number and Resistivity in EHC Systems
- Lube oil diagnostic and monitoring instruments, including water sensors and particle counters

*• Proven Performance*



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*Fluid Flow Products is also your source for Magnetrol and Orion level control instruments and ThermoFisher Scientific water quality analysis instrumentation.*

Fluid Flow Products, established in 1968, serves the Power Generation Industry with a comprehensive line of filtration, measurement and control products and solutions. We are headquartered in a company-owned facility in Charlotte, NC. Branch offices are strategically located in Birmingham, AL and Ocala, FL, providing support to cover the entire southeastern US.

*"Adding Value to Quality Products".* Our mission statement, reflects our commitment to assisting customers improve the performance of their operations through our technical support and solutions.

Contact your Fluid Flow/Pall Filtration lube and hydraulic oil purification specialist at: **(800)222.2229** or [sales@fluidflow.com](mailto:sales@fluidflow.com).

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