

J E. Myles, Inc. 310 Executive Drive, Troy MI 48083 Phone (248) 583-1020+ Fax (248) 583-6998 www.jemyles.com

Design and Refurbishment of Servo Hydraulic and EHC Equipment

Power Generation Services

Gas Turbines

Servo Hydraulic Actuator & Process Valve Refurbishment

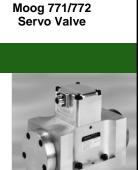
- Moog actuators rebuilt, including:
 - Performance testing
 - Our pricing will save you \$\$\$
 - Fisher or Valtec process valve rebuilt to spec or replaced
 - Actuator and process valve tested as an assembly
- Non-Moog actuators rebuilt to spec
- Moog servo valves rebuilt at Moog:
 - Rebuilt to current Moog engineering specifications
 - All repairs statically and dynamically tested
 - Carry "Same as New" full 2 year factory warranty

GE Large Steam Turbine Servo Hydraulic Systems



Upgrade EHC system with new Moog servo valves that are fit, form and function replacement.

- The cost of Abex repair is almost as much as Moog new!
- New Moog 743 valves in stock



Moog 744 Replaces Abex 450

Moog 743 Replaces Abex 425

Siemens Westinghouse Large Steam Turbine Servo Hydraulic Systems

Servo Valves



Upgrade EHC System with New Moog G761 Series

- High performance
- Carbide Ball Technology
- New Moog G761-3600 in stock
- Replace obsolete 76-185, 760-185, 73-185 with Moog G761-3600
- Trade-in discounts available

Actuator Repair

- Disassemble and inspect
- Rework or replace all worn parts
- Grind and re-chrome where required
- Replace seals
- Media blast and paint all external parts with EHC fluid-compatible paint
- Test to factory specifications
- 13-month in-service warranty



Contact J. E. Myles today! (800) 968-JEMI (5364) * ddougall@jem-cp-r.com



J E. Myles, Inc. 310 Executive Drive, Troy MI 48083 Phone (248) 583-1020+ Fax (248) 583-6998 www.jemyles.com

More Power Generation Services

Pumps



- Disassemble and inspect
- Rebuild to spec: rework and replace all worn parts, including re-chroming and grinding where required
- Replace seals
- Media blast and paint all external parts with EHC fluid-compatible paint
- Performance test to factory specifications
- 13-month in-service warranty
- Includes current and obsolete Vickers PVA 120 pumps

Systems Analysis & Field Service

- Review application; discuss changes, repairs and upgrades
- Root cause failure analysis
- ISO level and filtration analysis
- Preventative maintenance
- Trade-in discount review

Servo Hydraulic Sensors

- MTS Temposonic Linear Displacement Transducers (both in-cylinder and external mount)
- Kobold Pressure, Flow, and Level Measurement Transducers

Servo Hydraulic Filtration Systems

Design and Build

- To reduce servo valve failure due to contamination of lube oil, use improved "Kidney Loop" filtration system
- Oil can be maintained at ISO 14/11 or better, reducing costly non-scheduled outages

Servo Preserver

Moog 760 servo valve mounts directly on the "Servo Preserver", a low micron sandwich filter from Schroeder Industries that was designed specifically for the Moog 760 series servo valves

- High performance, large dirt holding capacity, replacement elements to extend element replacement life
- Low micron off-line filtration loops

Schroeder Test Mate - ISO Particle Counter

- Online, real time ISO particle count
- Reduce unscheduled outages by monitoring ISO count in real time with alarm functionality
- Schroeder filtration products' water removal filter elements, analyzers, vacuum dehydrators, etc.
- Services available in addition to hydraulic system used to clean transformer oil:
 - Oil analysis products and services
 - Filter inventory consolidation

Contact J. E. Myles today! (800) 968-JEMI (5364) + ddougall@jem-cp-r.com

