

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

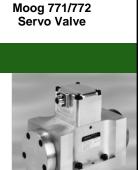
- Moog actuators rebuilt, including:
  - Performance testing
  - Our pricing will save you \$\$\$
  - Fisher or Valtec process valve rebuilt to spec or replaced
  - Actuator and process valve tested as an assembly
- Non-Moog actuators rebuilt to spec
- Moog servo valves rebuilt at Moog:
  - Rebuilt to 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



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# 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

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