



St. Lawrence-Troy, LLC

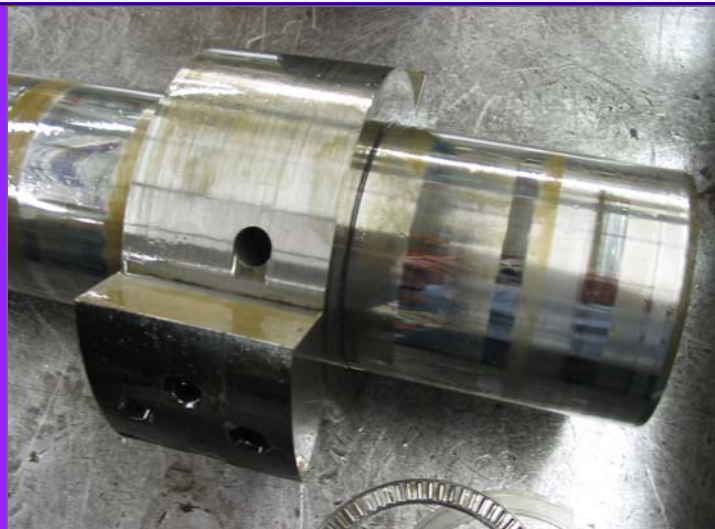
- ❖ Free Evaluation
- ❖ 13 Month In-Service Warranty

Complete Services
for Remanufacturing
Hydraulic Servo Actuators

Test Lab Rotary Servo Actuator Remanufacturing Remanufacturing Procedure for Fatigue Rated Rotary Actuators

1. INSPECTION

- ◆ Inspect actuator for external damage
- ◆ Remove servovalve
- ◆ Disassemble
- ◆ Inspect components for wear and damage
- ◆ Determine which seal kit is required; or manufacture seals if obsolete
- ◆ Inspect and test rotary encoder
- ◆ Take measurements of components



2. QUOTE REBUILD/REPLACEMENT WITH TIME FACTORS

- ◆ Actuator rebuild
- ◆ Servovalve - Moog factory rebuild or replacement of obsolete servovalve with new Moog test lab valve
- ◆ Replacement of rotary encoder when needed

3. REMANUFACTURE COMPONENTS (AS REQUIRED)

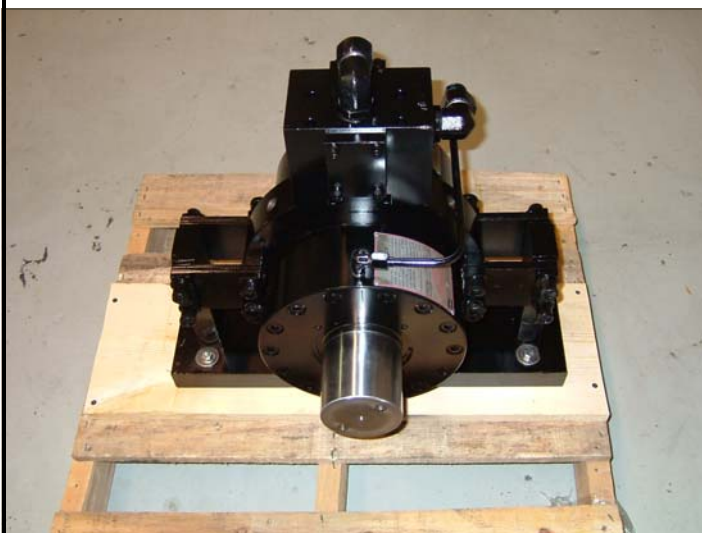
- ◆ Grind/chrome/grind shaft
- ◆ Remove any coating and prepare surfaces
- ◆ Bond coating onto wings
- ◆ Machine coated surface of wings for exact fit
- ◆ Reassemble actuator

4. TEST

- ◆ Pressurize actuator and check for internal and external leakage to meet or exceed specifications
- ◆ Cycle actuator with servo valve
- ◆ Verify proper rotary encoder output and position

5. FINISHING PROCESS

- ◆ Degrease, clean and paint actuator
- ◆ Ready to ship



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Contact St. Lawrence-Troy today! (800) 521-5772 ♦ dond@st-lawrence.com