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RECONDITIONING A STOKES 61B-MHRR VACUUM BOOSTER



BEFORE

AFTER

- Base repair quote supplied to customer prior to receiving the equipment
- Complete visual inspection and disassembly of booster and components
 - Process material present inside booster
 - Contact on non-drive end of rotors and endplates
 - Drive rotor bend on gear fit 0.020"
- Pictures of tear down taken and included in firm quote with detailed description of required repairs
- Firm quote submitted to customer for approval prior to continuance of work
- Complete mechanical and chemical cleaning of all internal components and external surfaces
 - Grind drive rotor to match driven rotor length
 - Surface grind non-drive endplate
 - Balance rotors
 - Bore endplate for oversize stat slinger
 - Installation of new mechanical seal, bearings, gaskets and O-rings
 - Replace drive rotor
 - Replace slinger seal assembly
 - Replace gear assembly
 - Replace oil sight glasses
- Set internal clearances to factory specs
- 60-minute test run of complete assembly with data acquisition program
- After break-in period has been met, system is helium leak-checked
- Copy of test data acquisition pump down curve included in shipping documents
- Prep, paint and palletize for shipment