

Washington Office Location

21850 88th Place South

Kent, WA 98031

Office: (253) 872-2000

Fax: (253) 872-7033

Email: info@nwindustrialrepair.com



Additional Locations

Eastern Washington: (509) 949-3368

Idaho & Montana: (208) 360-3833

Oregon: (503) 708-9609

RECONDITIONING A TUTHILL 5400 (9027) 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 build up in booster
 - Bearing failure on drive end, driven rotor
- 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
 - Chrome and grind bearing race on non-drive end
 - Clean up rotor ends
 - Ceramic coat seal sleeves
 - Balance rotors
 - Clean heat exchanger and replace gaskets
 - Installation of new seals, bearings, gaskets and O-rings
 - Replace seal sleeve
 - Replace oil sight glasses
 - Replace non-drive end endplate
 - Replace gear assembly
 - Replace oil filter
- 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