

Traction Motor Remanufacturing Services

Swiger Coil Systems is America's leading provider of traction motor remanufacturing. Swiger Coil calls their service remanufacturing because they repair and rebuild traction motors to OEM specifications. It is the equivalent to receiving a new motor directly from the OEM. Over 10,000 traction motors were remanufactured in the past 5 years using their expert experience and methodical electric motor repair process. Swiger Coil's remanufacturing process has continually improved to provide customers with flawless service and execution. Their 30 plus years of experience has allowed Swiger Coil to search out and qualify the finest component suppliers in the world. Swiger's extensive experience, combined with the best component suppliers, has enabled them to become the premier traction motor service center in North America.

Before



After



D77 Basic Repair & Return Overhaul Includes:

- Disassemble
- Steam Clean
- Oven Dry
- Mechanical Inspection
- Electrical Inspection
 - Surge Test
 - Ground Test
- Coreloss the armature
- VPI the frame and armature
- Turn & Undercut
- Balance
- New ARS comm band
- New bearings
- Rebuilt brush holders
- New seals and gaskets

- NDT pinion
- NDT PE housing
- Pinion seal
- Shaft shims
- Shim, axle cap, .009"
- Oil filler caps
- New hardware as needed
- Run test under no-load condition
- Check running vibration
- Paint motor

Other Work Performed if Necessary:

- New leads & WAF
- Weld & Machine
- Wear plate
- Re-insulate coils

Swiger Coil Systems
4677 Manufacturing Road
Cleveland, OH 44135

216.362.7500
1-800-321-3310 (Toll Free)
216.362.1496 (Fax)

www.swigercoil.com



Swiger Coil Systems
A Wabtec Company