

CAN AM
VOITH COMBISORTER FOR REBUILD
MTR MARTCO DRAWING #610-D-267
JOB #57140-K



PICTURE BEFORE REBUILD

INITIAL INSPECTION REPORT:

- ROTOR IS IN POOR CONDITION. VANES ARE THE WRONG SHAPE.
- ORIFICE PLATE NEEDS NEW BANGOR BARS.
- EXTRACTION PLATE IS TOO WORN TO RECONDITION.
- THE BASKETS ARE BAD.
- DRIVE SHAFT IS BAD.
- THE CHAMBER DOES NOT HAVE TILE. IT HAS BEEN HARDCOATED. WE WON'T BE ABLE TO PUT TILE IN IT BECAUSE THERE IS NOT ENOUGH ROOM.
- ALL ANGLE FACE RINGS & BACKUP FLANGES ON CHAMBER ARE BAD.
- THE DISCHARGE FLIGHTS (2) ON THE DRUM ROTOR ARE BAD.
- THE DRIVE HOUSING IS GOOD.
- BASKET RETAINER PLATE IS MISSING
- ROTOR END CAP IS GOOD.
- DRIVE END CAP IS GOOD.
- ROTOR SPACER IS GOOD.
- THRUST PLATE IS GOOD.
- BODY IS GOOD.
- ALL BEARING SPACERS & SEAL RINGS IN DRIVE ARE BAD OR MISSING.

SCOPE OF REBUILD:

- DISMANTLE COMBISORTER COMPLETE.
- CLEAN & DEGREASE ALL PARTS FOR INSPECTION.
- INSPECT FOR REPAIRS & RECORD ON INSPECTION REPORT.
- MACHINE NEW SHAFT & KEYS.
- MAKE & INSTALL NEW BANGOR BARS ON EXISTING ORIFICE PLATE.
- INSTALL ALL NEW ANGLE FACE RINGS & BACKUP FLANGES ON CHAMBER.
- COAT HARDCOATED AREA INSIDE CHAMBER WITH CERAMIC EPOXY.
- MACHINE ALL NEW BEARING SPACERS & SEAL RINGS.
- MACHINE NEW BASKET RETAINER PLATE.
- FABRICATE & MACHINE (2) NEW DISCHARGE FLIGHTS.
- SQUARE UP WORN AREAS OF VANES ON THE DRUM & RE-MACHINE.
- INSTALL NEW THREADED RODS, HEX NUTS & WASHERS ON FRAME.
- BLAST, PRIME & PAINT WITH EPOXY PAINT:
 - MAIN FRAME & MOTOR MOUNT PLATE
 - BEARING HOUSING
- BEAD BLAST STAINLESS & PAINT CARBON STEEL PARTS WITH EPOXY PAINT:
 - CHAMBER
 - BODY
- ASSEMBLE DRIVE CARTRIDGE COMPLETE:
 - NEW:
 - SHAFT
 - SHAFT KEYS
 - BEARING SPACERS & SEAL RINGS
 - BEARINGS
 - O-RINGS
 - LOCKNUTS & LOCKWASHERS
 - SEALS
 - FASTENERS
 - RE-USE:
 - HOUSING
 - ROTOR END CAP
 - DRIVE END CAP
- ASSEMBLE COMBISORTER COMPLETE:
 - NEW:
 - EXTRACTION PLATE WITH SUPPORT RINGS
 - UPPER & LOWER BASKET ASSEMBLY
 - BASKET RETAINER PLATE
 - ROTOR
 - DISCHARGE FLIGHTS
 - O-RINGS
 - FASTENERS
 - SHIM
 - RE-USE:
 - BODY
 - ROTOR SPACER
 - THRUST PLATE
 - ORIFICE PLATE (WITH NEW BANGORS)
 - CHAMBER (REPAIRED)
 - DRUM ROTOR (REPAIRED)

FRAME (W/NEW THREADED RODS & FASTENERS)
BELT SHEAVE & QD BUSHING (SHIPPED LOOSE)

- SHIM ASSEMBLY FOR CORRECT RUNNING CLEARANCE (XTRA SHIM TO BE SENT WITH UNIT)
- TOUCH-UP PAINT AS REQUIRED.
- APPLY ALL TAGGING & DECALS.
- PREPARE FOR SHIPPING.



06-30-2020