

DEKALB BLOWER REPAIR EVALUATION REPORT

DKB - EVALUATION # 170518

DATE: 5/18/2017

PREPARED BY: BRANDON CAMERON

CUSTOMER: XXXXXXXX COMPANY

CONTACT: MR. XXXX XXXXX

PAPERWORK REFERENCE NUMBERS: XMPO-50271



THERMAL-MAXX™
HIGH TEMPERATURE DESIGN FANS TO 2200 DEG F
THERMAL-FLO™
STANDARD DESIGN FANS TO 800 DEG F



DEKALB BLOWER INC.
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YORKVILLE, IL 60560
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E: SALES@DEKALBBLOWER.COM

MANUFACTURER OF FAN OR BLOWER ASSY: XXX
TAG INFO: # 397778

ROTATION OF FAN: (VIEWED FROM DRIVE SIDE) CLOCKWISE

FAN FAILURE CAUSES / VISUAL DEFECTS: BLADE MISSING
FROM WHEEL-EXCESSIVE VIBRATION- BEARING FAILURE
-CENTER TUBE GONE -AIR DAM GONE -BOTH DETERIORATED

FAN WHEEL: REPLACE - BLADE MISSING - OTHER 5 BLADES
ARE FLAT. NO RADIUS AND BENT. HUB FULL OF CRACKS

FAN SHAFT: OK-RE-USE- SLIGHT WEAR AT WHEEL NECK
AND SLIGHT WEAR AT SEAL LOCATION. TIR-OK
RE-MACHINE AND CLEAN-UP AS NECESSARY.

FAN PLUG / INSULATED PLUG: ALLOY CRACKED AND
SEVERELY BUCKLED IN MULTIPLE LOCATIONS.
REPLACE ALLOY AND INSULATION.

BEARING STRUCTURE: OK. REPLACE BEARINGS.
LOTS OF DEBRIS AND BUILDUP. THOROUGHLY
CLEAN PRIOR TO RE-PAINT

MISC. COMPONENTS: YES

WHEEL NUT: YES.-OK - RE-USE - CLEAN THREADS
IN LATHE IF NEEDED

SEAL / STUFFING BOX: YES-REPLACE PACKING
GLANDS AND CLEAN LANTERN RING FOR
E-LUBRICATION - REPLACE AUTO GREASER-
CORRELL-LUBE - PRE-PACK SEAL PRIOR TO SHIP AND
FINAL TRIM BALANCE.

HEAT SLINGER: YES-OK-RE-USE

MOTOR:CUSTOMER SUPPLY NEW IN BOX, RETURN OLD

PULLEY(S) / BUSHINGS: REPLACE ALL - WORN

GUARDS: OK-REUSE- CLEAN AND PAINT

CLEAN/CONDITION FOR RE-PAINT: HEAVY DEBRIS - HEAVY CLEAN PRIOR
TO PAINT

CUSTOMER REFERENCE PICTURES:

