



MILLINGTON, TN

LITTLE ROCK, AR

MECHANICAL EVALUATION

Job Information

Job #:

Date:

Priority:

Authorized OT:

Authorized by:

Customer Information

Name:

Reason:

Contact:

Motor#:

PO#:

Application:

Special notes:

Name Plate Information

Manufacturer:

Enclosure :

Horsepower/kW:

Serial#:

Rated Voltage:

Phase:

Rated RPM:

Service Factor:

Special design:

Cycles:

Rated Amps:

Frame:

Model#:

WEST TENNESSEE

7030 Ryburn Drive
Millington, TN 38053
Phone 901-873-5300
Fax 901-873-5301

CENTRAL ARKANSAS

6812 Lindsey Rd.
Little Rock, AR 72206
Phone 501-375-9178
Fax 501-375-4254



MILLINGTON, TN

LITTLE ROCK, AR

MECHANICAL EVALUATION

Mechanical InspectionShaft grounding device
present?: Shaft runout(TIR-Inbound): Bearings Retainer: Retainer condition: D.E. Bearing Type: O.D.E. Bearing Type: DE BEARING NAME
AND NUMBER: ODE BEARING NAME AND #: DE BEARING SIZE I.D.: ODE BEARING SIZE I.D.: DE BEARING SIZE
O.D.: ODE BEARING SIZE O.D.: Is bearing Insulated: Is bearing Insulated: Thermal Protection: Thermal Protection Type: **WEST TENNESSEE**7030 Ryburn Drive
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MILLINGTON, TN

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MECHANICAL EVALUATION

Mechanical Inspection (Continued)

Water jacket:

Ok

Fan:

Ok

Frame cond.:

Good

Motor Mount
Position:

Horizontal/Foot mount

Endbell type:

Single piece

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MECHANICAL EVALUATION

Mechanical Inspection (cont)

Inspect bolt holes and fasteners. Validate correct fasteners.

Shaft Condition:

DE AND ODE SEAL TYPE:

DE SHAFT EXT.:

ODE SHAFT EXT.:

DE SHAFT EXT. KEYWAY:

ODE SHAFT EXT. KEYWAY:

DE SHAFT AIR SEAL (inner):

ODE SHAFT AIR SEAL (inner):

(Outer):

(Outer):

DE SHAFT BRG JOURNAL :

ODE SHAFT BRG JOURNAL :

If journal is undersize, amount:

If journal is undersize, amount:

DE BEARING SEAT:

ODE BEARING SEAT:

Shaft damage cause:

REPAIR OR REPLACE SHAFT:

ANY OTHER SHAFT DAMAGE NOT
PREVIOUSLY MENTIONED:

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MECHANICAL EVALUATION

Mechanical Inspection (Continued)

DE Endbell fits/damage:

ODE Endbell fits/damage:

DE END BELL BRG FIT:

ODE END BELL BRG FIT:

DE END BELL AIR SEAL:

ODE END BELL AIR SEAL:

Endbell DE insulated?:

Endbell ODE insulated?:

Bushings/sleeves DE:

Bushings/sleeves ODE:

Does Air Gap Meet Customer or EASA spec(<10% variation)?

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MECHANICAL EVALUATION

Conclusion

LIST MACHINE WORK
REQUIRED :

Service Tech name:

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