



MILLINGTON, TN

LITTLE ROCK, AR

MECHANICAL EVALUATION

Job Information

Job #:

140596

Date:

September 13,
2019

Priority:

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Authorized OT:

No

Authorized by:

Customer Information

Name:

Reason:

Contact:

Motor#:

PO#:

Application:

—

Special notes:

Name Plate Information

Manufacturer:

SEW-EURODRIVE

Enclosure :

Open Drop Proof
(ODP)

Horsepower/kW:

Serial#:

Rated Voltage:

Phase:

Rated RPM:

Service Factor:

Special design:

No

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

Mechanical Inspection

Shaft grounding device present?:

Shaft runout(TIR-Inbound):

Bearings Retainer:

Retainer condition:

Bearing Type:

IS BEARING A THRUST BRG:

DE BEARING NAME AND NUMBER:

ODE BEARING NAME AND #:

DE BEARING SIZE I.D.:

ODE BEARING SIZE I.D.:

DE BEARING SIZE O.D.:

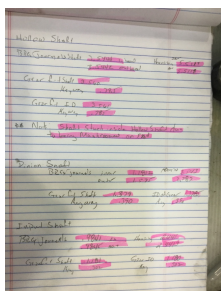
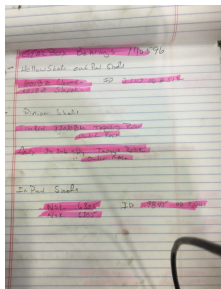
ODE BEARING SIZE O.D.:

Is bearing Insulated:

Is bearing Insulated:

Thermal Protection:

Thermal Protection Type:



Mechanical Inspection (Continued)

DE SHAFT
IMAGE:



ODE SHAFT IMAGE:



Water jacket:

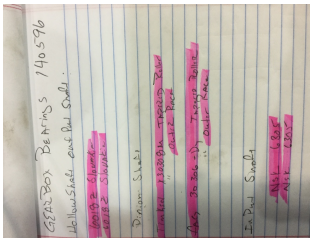
Ok

Fan:

Ok

Frame cond.:

Good



Motor Mount
Position:

Horizontal/Foot mount

Endbell type:

Single piece

DE Endbell Image:



ODE Endbell Image:





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MECHANICAL EVALUATION

Mechanical Inspection (cont)

Inspect bolt holes and fasteners. Validate correct fasteners.

Shaft Condition:

Good

DE AND ODE SEAL TYPE:

Other

DE SHAFT EXT.:

.867

ODE SHAFT EXT.:

1.34

DE SHAFT EXT. KEYWAY:

.198

ODE SHAFT EXT. KEYWAY:

.378

DE SHAFT AIR SEAL (inner):

ODE SHAFT AIR SEAL (inner):

(Outer):

(Outer):

DE SHAFT BRG JOURNAL :

1.772

ODE SHAFT BRG JOURNAL :

1.772

If journal is undersize,amount:

If journal is undersize,amount:

DE BEARING SEAT:

Good

ODE BEARING SEAT:

Good

Shaft damage cause:

None

REPAIR OR REPLACE SHAFT:

ANY OTHER SHAFT DAMAGE NOT
PREVIOUSLY MENTIONED:

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MECHANICAL EVALUATION

Mechanical Inspection (Continued)

DE Endbell fits/damage:

Good

ODE Endbell fits/damage:

Good

DE END BELL BRG FIT:

3.937

ODE END BELL BRG FIT:

3.347

DE END BELL AIR SEAL:

Lip seal#

ODE END BELL AIR SEAL:

2.437

Endbell DE insulated?:

No

Endbell ODE insulated?:

No

Bushings/sleeves DE:

Ok

Bushings/sleeves ODE:

Ok

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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