



MILLINGTON, TN

LITTLE ROCK, AR

Job Information

Job #: 139643

Date: May 2, 2019

Priority: —

Authorized OT: No

Authorized by:

Customer Information

Name: BARNHART CRANE & RIGGING

Motor#:

Name Plate Information

Manufacturer: P&H

Enclosure : Totally Enclosed
Fan Cooled

Serial#: 271594-A576

Model#: HEW505X

Service Factor: N/A

Frame: N/A

Horsepower/kW: 125

Rated RPM: 1180

Armature

Volts 230460

Amps 155

Fields

Volts 373

Amps 373

Mechanical Inspection

Inspect bolt holes and fasteners. Validate correct fasteners.

Bearings DE: Worn

Bearings DE make: SKF

Insulated: No

Bearing DE Size: 218

Bearings ODE: Worn

Bearings ODE make: SKF

Bearing Type: Ball

Bearing ODE Size: 216

Bearings Retainer: Yes

Thermal Protection: Yes

Retainer condition: Good

Thermal Protection Type: —

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



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Mechanical Inspection (Continued)

Seals DE type: Slinger

Seals Image:

Seals DE size: 3.374

Not
AvailableSeals DE (inbound)
condition :

Seals ODE condition : Worn

Seals Image 2:

Seals ODE type: Slinger

Not
Available

Seals ODE size:

Seals ODE (inbound)
condition :

Lubrication Type: Oil

Thermal Protection device DE: —

Lubrication brand inbound: Mobile Polyrex EM

Thermal Protection device ODE: —

Lubrication brand
outbound: Mobile Polyrex EM

Grease Amt DE: Full

Grease Cond. DE: New

Grease Amt ODE: Full

Grease Cond. ODE: New

Seals DE condition : Worn

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Mechanical Inspection (Continued)

Brg. Journal DE: Good

Shaft damage: OK

If DE undersized, amt.:

Shaft damage cause: None

Brg. Journal ODE: Undersized

Bushings/sleeves DE: Ok

If ODE undersized, amt.: -.0014

Bushings/sleeves ODE: Ok

Endbell type: Single piece

DE Endbell fits/damage: Good

ODE Endbell fits/damage: Good

Endbell DE size: 6.3002

Endbell ODE size: 5.5128

Endbell DE airseal: 3.555

Endbell ODE airseal: 3.150

Endbell DE insulated?: No

Endbell ODE insulated?: No

Conclusion

MACHINE WORK
REQ'D: REPAIR ODE BRG JRNL
TURN SLIP RINS

Service Tech name:

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