

Job Information

Job #:	96194				Date:	November 8, 2019
Priority:	_	Authorized OT:	No	Authorized by:		

Customer Information

Name:	Industrial Maintenance Ser	vice	Reason:	
Contact:		Motor#:		PO#:
Application:	_	Special notes:		

Name Plate Information

Manufacturer:			Enclosure :	Open Drop Proo (ODP)	f Encl	Enclosure Type image	
Serial#:			Model#:				
Service Factor:			Frame:				
Horsepower	/kW:		Rated RPM:				
Armature	Volts Amps		Fields	Volts Amps			
Name	plate	DE	ODE	F1	F2	Top	

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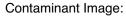


Mechanical Inspection

Inspect bolt holes and fasteners. Validate correct fasteners.

Does the shaft turn freely?:	Yes
Shaft rotation:	Bi-directional
Shaft Condition:	Good
Shaft grounding device present?:	No
Type of grounding device:	
Shaft runout(TIR-Inbound):	

Contaminant(s): Carbon Contaminant(s) Amt: Other





Bearing Type Image



Bearing Make Image



Bearing Retainer Image



Thermal Protection



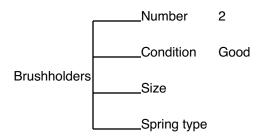
Lubrication Type:	Grease	Thermal Protection device DE:	_
Lubrication brand inbound:	Unknown	Thermal Protection device ODE:	_
Lubrication brand outbound:	Unknown		
Grease Amt DE:	1/4	Grease Cond. DE:	Hard
Grease Amt ODE:	1/4	Grease Cond. ODE:	Hard

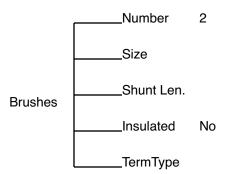
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MILLINGTON, TN LITTLE ROCK, AR

Mechanical Inspection (Continued)





Brg Image



Shaft Image



Brushing/sleeves



End bell



Water jacket: N/A

Fan:

Broken

Frame cond .:

Good



Motor Mount Position:

Horizontal/Foot mount

Foot/Flange condition:

Foot flatness: Pass

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Ok

		MILLING	STON, TN	LITTLE ROCK, AR		
Mechanical Inspection (Continue	ed)					
Missing parts?						
☐ J-Box cover ☐ O-rings ☐	J-Box	HH cover	Glands	Vone		
Other missing parts						
Air Gap Meaurements (N/A on Single Piece E	ndbell)		Does Air Gap Me spec(<10% varia	eet Customer or EASA ation)?		
DE @ 0	ODE @ 0		_			
DE @ 90	ODE @ 90					
DE @ 180	ODE @ 180					
DE @ 270	ODE @ 270					
Electrical Inspection						
Move armature imbalance to Assemble	С	Commutator:	_			
Winding Inspection						

Yes

Meg Test IP to Flds: Good Polarity Check IP to Flds:

Meg Series to Shunt: Good

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MILLINGTON, TN LITTLE ROCK, AR

DC Electrical Inspection

Brushes:	Normal wear			Brush Image:
Brush holders:	Salvageable	Qty.	2	
Insulators:	Salvageable	Qty.	2	
Lead support stud:	Salvageable	Qty.	2	Alternate brush image:
Rocker ring:	Salvageable	Qty.	1	





Commutator Type: Other Commutator Hardness: Good

Commutator Condition : Grooved

Commutator Film: 0

Ok

Commutator images





Armature type:	Factory	If other	
Failure mode:	Ok	If other	
Failure location:	Other	If other	Bearings
Armature condition:	Solid	If other	

Armature images



Winding color:

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Still has color



MILLINGTON, TN LITTLE ROCK, AR

DC Electrical Inspection (Continued)							A	rmature image
Armature T 	ēst Resul Good		i-pot:	Good	Core lo		Good	
Fields conc								
Ser	ies/Stab c	condition:	Ok				Fields condition image:	A
		condition:	Ok					
Ir	nterCoils c	condition:	Ok					ant-
Fields test	results							
S	eries/Stat	o Meg:	Ok		Hi Pot:	Ok	Resistance:	Ok
	Shunts	s Meg:	Ok		Hi Pot:	Ok	Resistance:	Ok
	InterCoils	s Meg:	Ok		Hi Pot:	Ok	Resistance:	Ok
Thermist	ors: li	n use					F	ield Test image
F	RTD: li	n use				At		FI-I-G WINDING ANALYZER DIGTAL SAMPLING UND COMMON ON ALTONNES
Thermos	stat: C	Dpen						

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Leads/jumpers: Ok

Lead jumper Image:



Conclusion

Component Failure

Cause of Failure

Comments

Stator needs to be washed-baked-dipped-baked, ODE endbell is over sized, and the fan is broke. Recommend reconditioning, bakedand dipped and baked again, new bearings, new fan, and machine work on ODE endbell

Service Tech name: Chris Wiley

Service Tech signature:

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