

Job Information

Job #:	95345	Date:	March 6, 2019			
Priority:	_	Authorized OT:	No	Authorized by:		

Customer Information

Name:	Molex		Reason:		
Contact:		Motor#:		PO#:	
Application:	_	Special notes:			

Name Plate Information

Manufacturer:		BAUULLER	Enclosure :	Open Drop Proof (ODP)	Enclosure Type image
Serial#:		93103411	Model#:	(021)	
Service Factor:			Frame:		
Horsepower/kW:		25KW	Rated RPM:	3330	
				[
Armature	Volts 400	Fields	Volts 310		
	Am	ips 72		Amps 1.45	

ODE

Nameplate Тор LLER

F1

F2

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DE





None

None

Contaminant(s):

Contaminant(s) Amt:

Contaminant Image:

Mechanical Inspection

Inspect bolt holes and fasteners. Validate correct fasteners.

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

Bearing Type Image



Bearing Make Image



Bearing Retainer Image



Thermal Protection

Not Available

Not Available

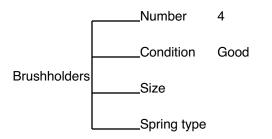
-	Thermal Protection device DE:	Grease	Lubrication Type:
_	Thermal Protection device ODE:	Mobile Polyrex EM	Lubrication brand inbound:
		Mobile Polyrex EM	Lubrication brand outbound:
Other	Grease Cond. DE:	0	Grease Amt DE:
Other	Grease Cond. ODE:	0	Grease Amt ODE:

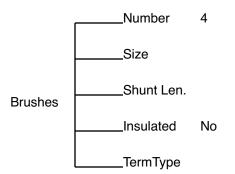
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MILLINGTON, TN LITTLE ROCK, AR

Mechanical Inspection (Continued)





Brg Image



Shaft Image



Brushing/sleeves



End bell



Water jacket: N/A

Fan:

N/A

Frame cond .:

Good



Not Available



Motor Mount Position:

Horizontal/Foot mount

Foot/Flange condition:

Foot flatness: Pass

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Ok

			MILLING	TON, TN	LITTLE ROCK, AR
Mechanical Inspec	tion (Continue	ed)			
Missing parts?					
J-Box cover	O-rings	J-Box	HH cover	Glands	None
Other missing parts					
Air Gap Meaurements (N	/A on Single Piece Er	ndbell)		0oes Air Gap Me pec(<10% varia	eet Customer or EASA tion)?
DE @ 0		ODE @ 0		_	
DE @ 90		ODE @ 90			
DE @ 180		ODE @ 180)		
DE @ 270		ODE @ 270)		
Electrical Inspection	on				
—			.		

Move armature imbalance to Assemble Commutator: Salvageable

Winding Inspection

Meg Test IP to Flds: Good Polarity Check IP to Flds: No

Meg Series to Shunt: Good

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MILLINGTON, TN LITTLE ROCK, AR

DC Electrical Inspection

Brushes:	Brushes: Grooved					
Brush holders:	Salvageable	Qty.	4			
Insulators:	Salvageable	Qty.	4			
Lead support stud:	Salvageable	Qty.	4	Alternate brush image:		
Rocker ring:	Salvageable	Qty.	1			





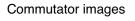
Commutator Type:	Soldered

Commutator Hardness: Good

Commutator Condition : Threaded

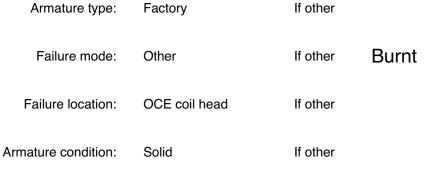
Commutator Film:

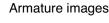
Ok













Winding color: Dull black

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DC Electrical Inspection (Continued) Armature Test Results								Ar	Armature image	
Megs:	Good	Hi	i-pot:	Good	Core lo	oss:	Good			
Fields conc										
Series/Stab condition: Ok Fields condition image:										
	Shunts con	dition:	Open							
In	terCoils con	dition:	Ok							
Fields test	results									
S	eries/Stab	Meg:	Ok		Hi Pot:	Ok		Resistance:	Ok	
	Shunts	Meg:	Ok		Hi Pot:	Ok		Resistance:	Ok	
	InterCoils	Meg:	Ok		Hi Pot:	Ok		Resistance:	Ok	
Thermist	ors: In u	se						Fie	eld Test image	
R	TD: Non	e				At			Net	
Thermos	stat: Ope	en							Not Available	

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Leads/jumpers: Ok

Lead jumper Image:



Conclusion

Component Failure

De EB and ODE EB housing fit bad

Cause of Failure

Comments

Armature needs rewound so do fields brushes needs replaced

Service Tech name:

Robert Wiley

Service Tech signature:

ett Willer

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