

Job Information

Job #:	95097				Date:	January 14, 2019
Priority:	_	Authorized OT:	No	Authorized by:		

Customer Information

Name:	Bemis Company		Reason:	
Contact:		Motor#:		PO#:
Application:	_	Special notes:		

Name Plate Information

Manufacturer:	Lincoln	Enclosure :	Open Drop Proof (ODP)	Enclosure Type
Serial#:	3704953	Model#:	· · ·	
Service Factor:	1.15	Frame:	326T	
Horsepower/kW:	50	Rated RPM:	1770	
Rated Amps:	125/62.5	Rated Voltage:	230/460	
Phase:	3	Cycles:	60	
Special design:	No			

e image



Nameplate

DE

ODE

F1

F2















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



MILLINGTON, TN LITTLE ROCK, AR

Mechanical Inspection

Inspect bolt holes and fasteners. Validate correct fasteners.

Does the shaft turn freely?:	Yes	Contaminant(s):	None
Shaft rotation:	Bi-directional	Contaminant(s) Amt:	None
Shaft grounding device present?:	No		
Type of grounding device:			

Shaft runout(TIR-Inbound):

Bearings DE:	Worn	Bearings DE make:	NSK
Insulated:	No	Bearing DE Size:	6311
Bearings ODE:	Worn	Bearings ODE make:	Other
Bearing Type:	Ball	Bearing ODE Size:	6309
Bearings Retainer:	Yes	Thermal Protection:	Yes
Retainer condition:	_	Thermal Protection Type:	_

Bearing Type Image



Bearing Make Image



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

Bearing Retainer Image



Thermal Protection





Mechanical Inspection (Continued)

Lubrication Type:	Grease	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 type:	Slinger		
Seals DE size:			
Seals DE (inbound) condition :			
Seals ODE type:	Slinger		
Seals ODE size:			
Seals ODE (inbound) condition :			
Shaft damage cause:	None	Shaft Image:	



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Mechanical Inspection (Continued)

Brg. Image:



Bushings/sleeves image:

Not Available

Water jacket:	N/A
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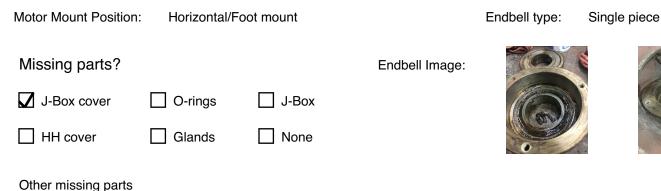
Fan:

N/A

Frame cond.: Good









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Mechanical Inspection (Continued)

Air Gap Meaurements (N/A on Single Pie	Does Air Gap Meet Customer or EASA spec(<10% variation)?	
DE @ 0	ODE @ 0	_
DE @ 90	ODE @ 90	
DE @ 180	ODE @ 180	
DE @ 270	ODE @ 270	

AC Electrical Inspection

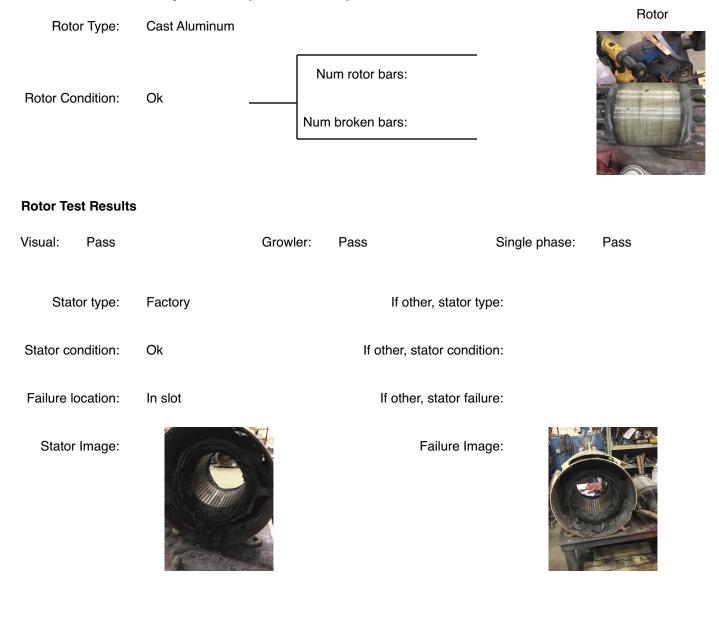
Number of leads:	12	Terminal Marking	IS:	
Length of leads:			Stds. MG 1-2009, Rev. 1- ntified By Color:	2010, 2.41-Terminal
Size of leads:		1-Blue 2-White 3-Orange	5-Black 6-No color assigned 7-No color assigned	P1-No color assigned P2-Brown
Lead condition:	Bad	4-Yellow	8-Red	
Lug type:		Connections As	Received:	
Lug Condition:	_		Terminal	Lugs
Lug size:				
Lug Attachment:	_		Not Available	Not Available

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AC Electrical Inspection (Continued)



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AC Electrical Inspection (Continued)

Winding cold	or:	Like new	Winding	g image	Winding Therma	I Protection:	No
Winding condition : Charred							
Winding Therm Protection D		_					
Winding Therm Protection OD		_		Careford Contraction			
Stator test result	ts:	Rewind					
Megs incoming:	Ва	d	Surge incoming:	Bad	Hi-pot in	coming:	Bad
Winding Resistan	ce In	coming					
I	Phase	es A to B	Phases B to C	Phas	es C to A	Resistive i	mbalance
Incoming	0.00		0.00	0.00		0.00	
Leads/j	jumpe	ers: Ok		Lea	d jumper Image. :		
If other, leads/jumpers:							
Mechanical Inspection							
Inspect bolt holes a	and fa	steners. Validat	e correct fasteners.				

Shaft Condition:GoodBearings Retainer:YesType of grounding device:Bearing DE Size:6311Shaft runout(TIR-Inbound):Bearing ODE Size:6309

Retainer condition:

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Mechanical Inspection (Continued)

Seals DE condition :	Worn	Brg. Seats DE:	Good	
Seals DE type:	N/A	If DE undersized, amt.:		
Seals DE size:		Brg. Seats ODE:	Good	
Seals DE (inbound) condition :		If ODE undersized, amt.:		
Seals ODE condition :	Worn	Shaft damage:	ОК	
Seals ODE type:	N/A			
Seals ODE size:		Bushings/sleeves DE:	Ok	
Seals ODE (inbound) condition :		Bushings/sleeves ODE:	Ok	
Endbell fits/damage:	Bad	Foot/Flange condition:	Ok	
Endbell DE size:	4.7251 Good	Foot flatness:	Pass	
Endbell DE insulated?:	No		stomer or EASA spec(<10%	
Endbell ODE size:	3.9388 Bad	variation)?		
Endbell ODE insulated?:	No			

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Conclusion

Component Failure

Cause of Failure

Comments

Motor Failed due to Over load Found Flutting in Bearings

Service Tech name: Ro

Robert Wiley

Service Tech signature:

Robert Willer

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