

Job Information

Job #:	96377				Date:	December 31, 2019
Priority:	_	Authorized OT:	No	Authorized by:		

Customer Information

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

Name Plate Information

Manufacturer:	Marathon	Enclosure :	Totally Enclosed Fan Cooled
Serial#:		Model#:	7VE254TTFL5004 DRL
Service Factor:	1.15	Frame:	254JM
Horsepower/kW:	15	Rated RPM:	3495
Rated Amps:	40.5-36/18	Rated Voltage:	208-230/460
Phase:	3	Cycles:	60
Special design:	No		

Enclosure Type image



Nameplate

DE

ODE

F1

F2

Тор



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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:	Other
Insulated:	No	Bearing DE Size:	6309Z
Bearings ODE:	Worn	Bearings ODE make:	Коуо
Bearing Type:	Ball	Bearing ODE Size:	6207RD
Bearings Retainer:	Yes	Thermal Protection:	No
Retainer condition:	Good	Thermal Protection Type:	_

Bearing Type Image



Bearing Make Image





Thermal Protection

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Mechanical Inspection (Continued)

Lubrication Type:	Grease	Thermal Protection device DE:	_
Lubrication brand inbound:	Unknown	Thermal Protection device ODE:	_
Lubrication brand outbound:	Unknown		
Grease Amt DE:	Full	Grease Cond. DE:	Hard
Grease Amt ODE:	Full	Grease Cond. ODE:	Hard
Seals DE type:	Isolators	Seals Image:	
Seals DE size:			
Seals DE (inbound) condition :	Good		
Seals ODE type:	N/A		
Seals ODE size:			
Seals ODE (inbound) condition :			
Shaft damage cause:	None	Shaft Image:	



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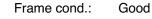
Mechanical Inspection (Continued)

Brg. Image:



Fan: Ok







Motor Mount Position	: Horizontal/Fo	pot mount		Endbell type:	Single piece
Missing parts?	O-ringsGlands	☐ J-Box ☐ None	Endbell Image:		
Other missing parts J-box bolts					

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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

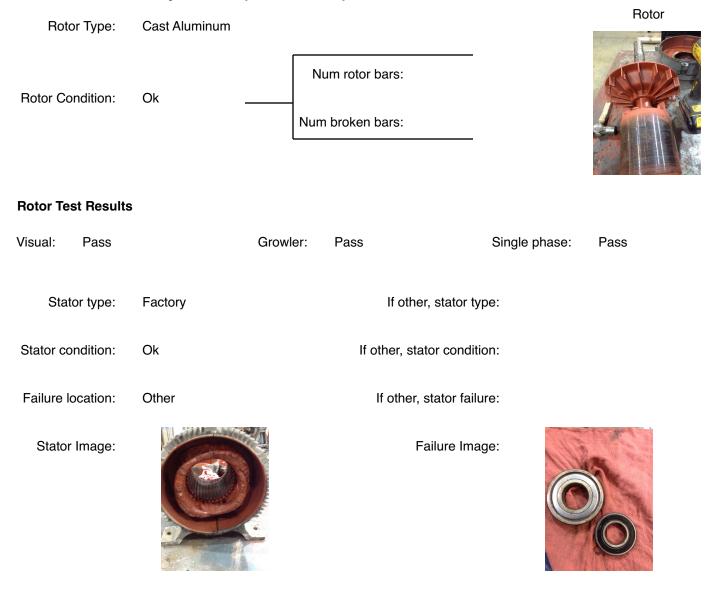
Number of leads:	9	Terminal Markings:	:			
Length of leads:	6 in	REF: NEMA Stds. MG 1-2009, Rev. 1-2010, 2.41-Terminal Markings Identified By Color:				
Size of leads:		1-Blue 2-White 3-Orange	5-Black 6-No color assigned 7-No color assigned	P1-No color assigned P2-Brown		
Lead condition:	Worn	4-Yellow	8-Red			
Lug type:	NA	Connections As R	eceived:			
Lug Condition:	_		Terminal	Lugs		
Lug size:						
Lug Attachment:	_					

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AC Electrical Inspection (Continued)



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AC Electrical Inspection (Continued)

Winding color: Like new		Winding	image	Winding	Thermal Protection	: Yes
Winding condition :	Solid					
Winding Thermal Protection DE:	_					
Winding Thermal Protection ODE:	_					
Stator test results:	Rewind					
Megs incoming: Go	od	Surge incoming:	Good	I	Hi-pot incoming:	Good
Winding Resistance Inc	coming					
Phase	es A to B	Phases B to C		Phases C to A	Resistive i	mbalance
Incoming						
Leads/jumpe	ers: Ok					
If other, leads/jumpe	ers:					

Mechanical Inspection

Inspect bolt holes and fasteners. Validate correct fasteners.

Shaft Condition:	— Bearings Retainer:	Yes
Type of grounding device:	Bearing DE Size:	
Shaft runout(TIR-Inbound):	Bearing ODE Size:	
Retainer condition:	_	

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Mechanical Inspection (Continued)

Seals DE condition :	Other	Brg. Seats DE:	Good	
Seals DE type:	Isolators	If DE undersized, amt.:		
Seals DE size:		Brg. Seats ODE:	Good	
Seals DE (inbound) condition :	Good	If ODE undersized, amt.:		
Seals ODE condition :	None	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:	Good	Foot/Flange condition:	Ok	
Endbell DE size:	3.9385 BAD	Foot flatness:	Pass	
Endbell DE insulated?:	_	Does Air Gap Meet Cus	Does Air Gap Meet Customer or EASA spec(<10% variation)?	
Endbell ODE size:	2.8345 GOOD	variation)?		
Endbell ODE insulated?:	_	_		

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Conclusion

Component Failure

Cause of Failure

Comments

DE end bell is over sized and both bearings show signs of wear. Recommend reconditioning, new bearings, and machine work on DE end bell.

Chris Wiley Service Tech name:

Service Tech signature:

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