

Job Information

Job #:	94799				Date:	October 23, 2018
Priority:	_	Authorized OT:	No	Authorized by:		

Customer Information

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

Name Plate Information

Manufacturer:	BALDOR	Enclosure :	Totally Enclosed Fan Cooled	Enclosure Type image
Serial#:	F1710035621	Model#:	37E298R87261	
Service Factor:	1.15	Frame:	215TCZ	
Horsepower/kW:	7.5	Rated RPM:	1770	
Rated Amps:	17/9.5	Rated Voltage:	230/460	
Phase:	3	Cycles:	60	
Special design:	No			

Nameplate

Tuthill

DE

ODE

F1

F2





Тор

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Mechanical Inspection

Inspect bolt holes and fasteners. Validate correct fasteners.

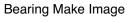
Does the shaft turn freely?:	No	Contaminant(s):	Dirt
Shaft rotation:	CW	Contaminant(s) Amt:	Other
Shaft grounding device present?:	No	Contaminant Image:	
Type of grounding device:			
Shaft runout(TIR-Inbound):			

Bearings DE:	Worn	Bearings DE make:	FAG
Insulated:	No	Bearing DE Size:	6309 ZZ
Bearings ODE:	Worn	Bearings ODE make:	FAG
Bearing Type:	Ball	Bearing ODE Size:	6206ZZ
Bearings Retainer:	Yes	Thermal Protection:	Yes
Retainer condition:	_	Thermal Protection Type:	_

Bearing Type Image



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Bearing Retainer Image



Thermal Protection





Mechanical Inspection (Continued)

Lubrication Type:	Grease	Thermal Protection device DE:	N/A
Lubrication brand inbound:	Mobile Polyrex EM	Thermal Protection device ODE:	N/A
Lubrication brand outbound:	Mobile Polyrex EM		
Grease Amt DE:	0	Grease Cond. DE:	New
Grease Amt ODE:	Full	Grease Cond. ODE:	New
Seals DE type:	Slinger	Seals Image:	
Seals DE size:			Not Available
Seals DE (inbound) condition :			
Seals ODE type: Seals ODE size:	Slinger	Seals Image 2:	Not Available
Seals ODE (inbound) condition			
: Shaft damage cause:	None	Shaft Image:	



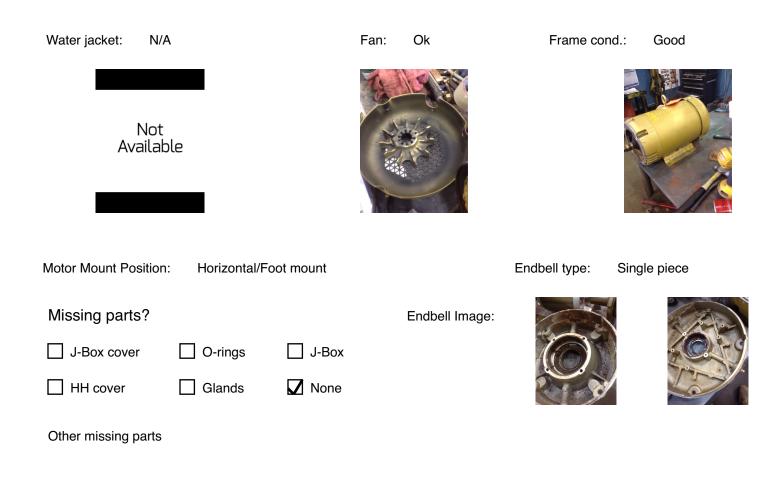
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Mechanical Inspection (Continued)

Brg. Image:





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Mechanical Inspection (Continued)

Air Gap Meaurements (N/A on Single Piece	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	

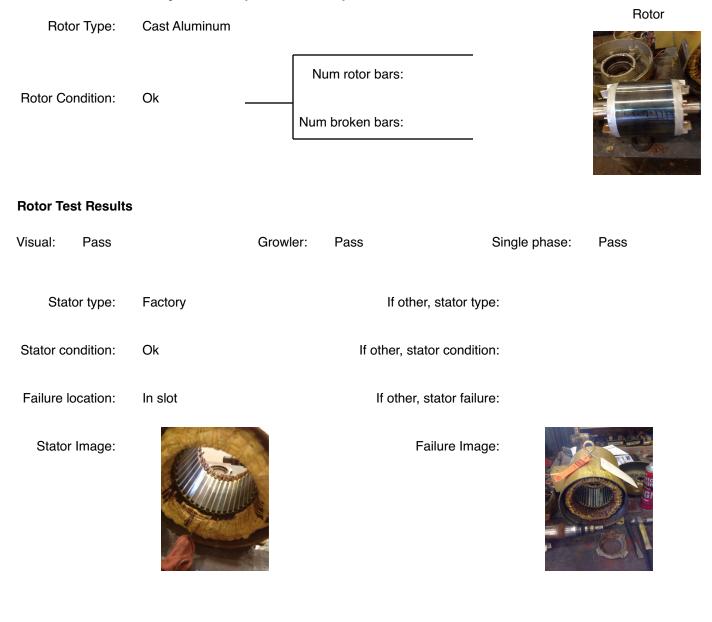
AC Electrical Inspection

Number of leads:	9	Terminal Markings:	1-9	
Length of leads:		REF: NEMA Stds Markings Identifie	a. MG 1-2009, Rev. 1- ed 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:	Good	4-Yellow	8-Red	
Lug type:		Connections As Rec	eived: High voltage	9
Lug Condition:	_	т	erminal	Lugs
Lug size:				
Lug Attachment:	_	Av	Not railable	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 Wind	ling Thermal Protec	tion: No
Winding condition	n : Solid	M			
Winding Therm Protection D					Not Available
Winding Therm Protection OD		2			
Stator test result	ts: Rewind				
Megs incoming:	Good	Surge incoming:	Good	Hi-pot incoming:	Good
Winding Resistan	ce Incoming				
I	Phases A to B	Phases B to C	Phases C to	A Resisti	ve imbalance
Incoming	1.398	1.399	1.377	1.5	
Leads/j	jumpers: Ok		Lead jump	per Image. :	
If other, leads/j	jumpers:				
Mechanical	Inspection				
Inspect bolt holes a	and fasteners. Valid	ate correct fasteners.			
Shaft	Condition: Goo	d	Bearings Reta	ainer: Yes	
Type of groundi	ing device:		Bearing DE	Size: 6309 ZZ	

Bearing ODE Size:

6206 ZZ

Shaft runout(TIR-Inbound):

Retainer condition:

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Mechanical Inspection (Continued)

Seals DE condition :	None	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 :	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:	3.9373	Foot flatness:	Pass
Endbell DE insulated?:	No		stomer or EASA spec(<10%
Endbell ODE size:	2.4423 BAD	variation)?	
Endbell ODE insulated?:	No	—	

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Conclusion

Component Failure

Cause of Failure

Comments

DE BEARING HAD NO LUBRICANT The Bearing WAS FULL OF RUST FROM WATER ODE Bearing HOUSING FIT BAD

Service Tech name: F

Robert Wiley

Service Tech signature:

Weit Willey

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