

Job Information

Job #:	94615				Date:	August 20, 2018
Priority:	_	Authorized OT:	No	Authorized by:		

Customer Information

Name:	Be is		Reason:	
Contact:		Motor#:		PO#:
Application:	_	Special notes:		

Name Plate Information

Manufacturer:	BALDOR	Enclosure :	Open Drop Proof (ODP)	Enclosure Type image
Serial#:	F1510275448	Model#:	37G1071867G1	
Service Factor:	1.15	Frame:	254JM	
Horsepower/kW:	15	Rated RPM:	1760	
Rated Amps:	41-38/19	Rated Voltage:	208-230/460	
Phase:	3	Cycles:	60	
Special design:	No			

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:	CCW	Contaminant(s) Amt:	None
Shaft grounding device present?:	No		
Type of grounding device:			

Shaft runout(TIR-Inbound):

Bearings DE:	Good	Bearings DE make:	FAG
Insulated:	No	Bearing DE Size:	6309C3
Bearings ODE:	Good	Bearings ODE make:	NSK
Bearing Type:	Ball	Bearing ODE Size:	6206C3
Bearings Retainer:	Yes	Thermal Protection:	No
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:	_
Lubrication brand inbound:	Mobile Polyrex EM	Thermal Protection device ODE:	_
Lubrication brand outbound:	Mobile Polyrex EM		
Grease Amt DE:	1/4	Grease Cond. DE:	New
Grease Amt ODE:	1/4	Grease Cond. ODE:	New
Seals DE type:	Slinger	Seals Image:	
Seals DE size:			
Seals DE (inbound) condition :	Bad		
Seals ODE type:	Slinger		
Seals ODE size:			
Seals ODE (inbound) condition :			
Shaft damage cause:	None	Shaft Image:	P



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Mechanical Inspection (Continued)

Brg. Image:



Water jacket: Ok



Fan: N/A



Frame cond.: Good



Motor Mount Position:

Missing parts?

J-Box cover

HH cover

Horizontal/Foot mount

J-Box

None

O-rings

Glands

Endbell type:

Single piece



Endbell Image:





Other missing parts

Lifting Eye

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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	

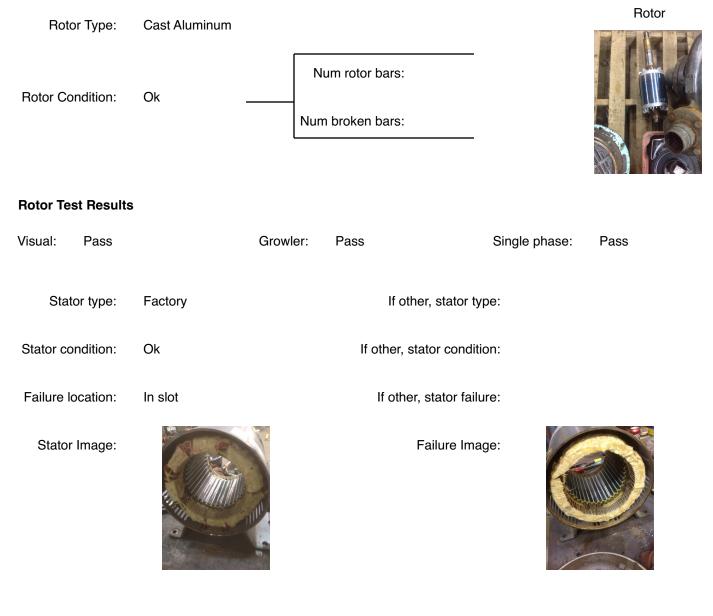
AC Electrical Inspection

Number of leads:	9	Terminal Markings:	1-9	
Length of leads:	12"	REF: NEMA Stds Markings Identifi	s. 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 Re	ceived: High voltage)
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	g image	Winding Therma	I Protection	: No
Winding cond	ition :	Solid					
Winding The Protection		_					
Winding The Protection		_					
Stator test re	sults:	Salvageable					
Megs incoming:	Goo	d	Surge incoming:	Good	Hi-pot in	coming:	Good
Winding Resis	tance In	coming					
	Phas	es A to B	Phases B to C	Phases	s C to A	Resistive i	mbalance
Incoming	0.70	9	0.723	0.716		1.0	
Lea If other, lea	ds/jumpo ds/jumpo			Lead jum	per Image. :		

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Conclusion

Component Failure

Seal Failure

Cause of Failure

Comments

Ode End bell broke through bolt broke missing lifting Eye

Service Tech name: R

Robert Wiley

Service Tech signature:

Jert Dilero

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