

Job Information

Job #:	94135				Date:	April 4, 2018
Priority:	_	Authorized OT:	No	Authorized by:		

Customer Information

Name:	SFI of Arkansas	Reason:		
Contact:		Motor#:		PO#:
Application:	_	Special notes:		

Name Plate Information

Manufacturer:	US Electric	Enclosure :	Open Drop Proof (ODP)	Enclo	sure Type image
Serial#:	H016X06X118R080 M	Model#:			
Service Factor:	1.15	Frame:	404TS		
Horsepower/kW:	100	Rated RPM:	1775		
Rated Amps:	119.9	Rated Voltage:	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:	_	Contaminant(s) Amt:	None
Shaft grounding device present?:	No	Contaminant Image:	
Type of grounding device:			Not Available

Shaft runout(TIR-Inbound):

Bearings DE:	Worn	Bearings DE make:	
Insulated:	No	Bearing DE Size:	6215 C3
Bearings ODE:	Worn	Bearings ODE make:	Коуо
Bearing Type:	Ball	Bearing ODE Size:	6212 C
Bearings Retainer:	No	Thermal Protection:	Yes
Retainer condition:	_	Thermal Protection Type:	_

Bearing Type Image



Bearing Make Image



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Thermal Protection

Not Available





Mechanical Inspection (Continued)

Lubrication Type:	Grease	Thermal Protection device DE:	_
Lubrication brand inbound:	Unknown	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:	N/A	Seals Image:	
Seals DE size:			Not Available
Seals DE (inbound) condition :			
Seals ODE type:	N/A	Seals Image 2:	Not
Seals ODE size:			Available
Seals ODE (inbound) condition :			
Shaft damage cause:	None	Shaft Image:	



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Mechanical Inspection (Continued)

Brg. Image:



Bushings/sleeves image:



Water jacket: N/A

Fan:

N/A

Frame cond.: Good







Motor Mount Position:	Horizontal/F	oot mount	Endbell type:	Single piece
Missing parts?			Endbell Image:	500
J-Box cover	O-rings	J-Box		**
HH cover	Glands	None None		
Other missing parts				





Mechanical Inspection (Continued)

Air Gap Meaurements (N/A on Single Piec	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	

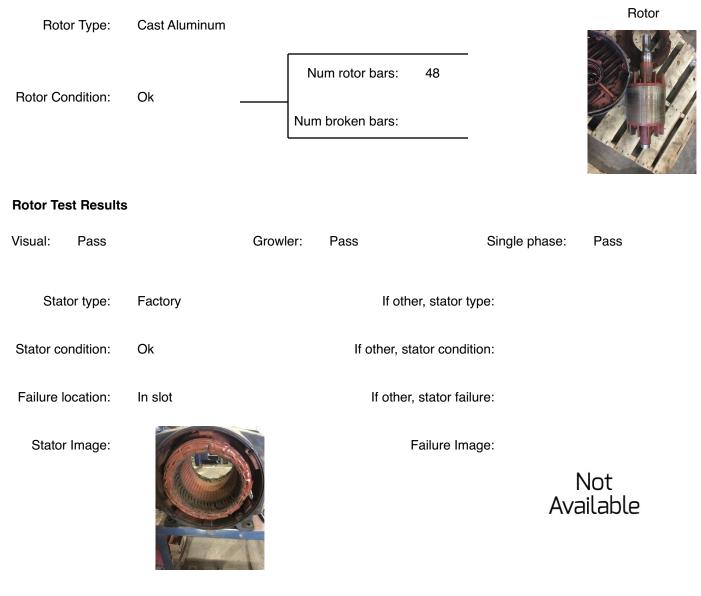
AC Electrical Inspection

Number of leads:	6	Terminal Markings:	1,2,3,7,8,9			
Length of leads:	9"	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:		Connections As Rec	eived:			
Lug Condition:	_	Te	erminal	Lugs		
Lug size:				Not		
Lug Attachment:	_			Available		

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AC Electrical Inspection (Continued)



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AC Electrical Inspection (Continued)

Winding	color:	Painted	Winding	g image	Winding Thermal Prot	ection: No
Winding condition : Solid		P			Not	
Winding Thermal Protection DE:			Avail			Not Available
Winding The Protection		_				
Stator test re	sults:	Salvageable				
Megs incoming:	Goo	d	Surge incoming:	Good	Hi-pot incomir	ng: Good
Winding Resist	tance In	coming				
	Phas	es A to B	Phases B to C	Phases	S C to A Res	istive imbalance
Incoming	84.8	49	84.856	85.55	1 0.8	
Lea	ds/jump	ers: Ok		Lead jum	per Image. :	
If other, lead	ds/jump	ers:				Not Available

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Conclusion

Component Failure

Cause of Failure

Comments

ODE EB worn

Service Tech name: Lynn

Lynn McDonald

Service Tech signature:

type Melarl

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