

Job Information

Job #:	94439				Date:	June 25, 2018
Priority:	_	Authorized OT:	No	Authorized by:		

Customer Information

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

Name Plate Information

Manufacturer:	Lees on	Enclosure :	Open Drop Proof (ODP)
Serial#:		Model#:	1365T34DB5B
Service Factor:		Frame:	365T
Horsepower/kW:	100Hp	Rated RPM:	3600
Rated Amps:	118	Rated Voltage:	460
Phase:	3	Cycles:	60
Special design:	No		

Enclosure Type image





DE

ODE

F1

F2















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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	Contaminant Image:	
Type of grounding device:			Not Available

Shaft runout(TIR-Inbound):

Bearings DE:	Worn	Bearings DE make:	Коуо
Insulated:	No	Bearing DE Size:	6314ZZ
Bearings ODE:	Worn	Bearings ODE make:	Коуо
Bearing Type:	Ball	Bearing ODE Size:	6314ZZ
Bearings Retainer:	Yes	Thermal Protection:	No
Retainer condition:	Good	Thermal Protection Type:	_

Bearing Type Image



Bearing Make Image



Bearing Retainer Image



Thermal Protection

Not Available

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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:	Mobile Polyrex EM		
Grease Amt DE:	Full	Grease Cond. DE:	Watery
Grease Amt ODE:	Full	Grease Cond. ODE:	Watery
Seals DE type:	Labyrinth	Seals Image:	
Seals DE size:			Not Available
Seals DE (inbound) condition :			
		Seals Image 2:	
Seals ODE type:	Labyrinth	oodio 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/Fo	oot mount	Endbell type:	Single piece	
Missing parts?			Endbell Image:		
J-Box cover	O-rings	J-Box			
HH cover	Glands	None None			
Other missing parts					



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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	

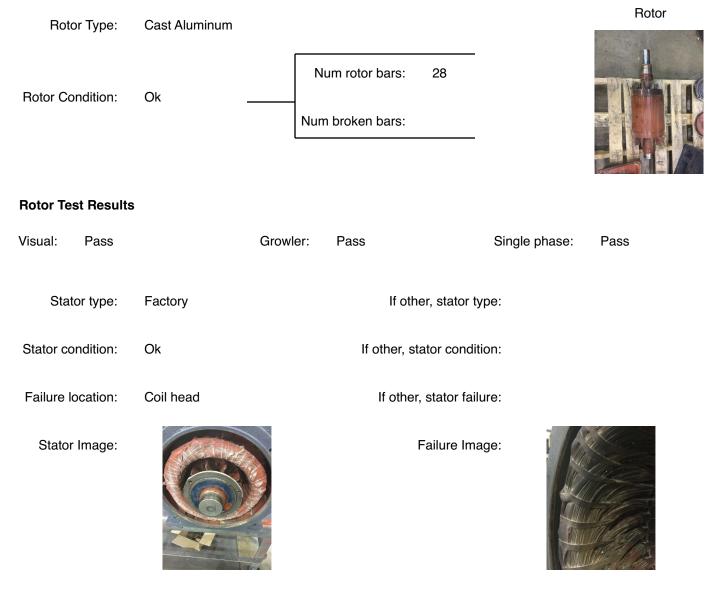
AC Electrical Inspection

Number of leads:	3	Terminal Markings	5:		
Length of leads:	10"	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 F	Received:		
Lug Condition:	Good		Terminal	Lugs	
Lug size:			Not	Citte a	
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 Therma	I Protection:	No
Winding condition :	Solid				N	
Winding Thermal Protection DE:	_				Avai	lot ilable
Winding Thermal Protection ODE:	_					
Stator test results:	Rewind					
Megs incoming: Goo	d	Surge incoming:	Bad	Hi-pot in	coming: E	lad
Winding Resistance Ir	coming					
Phas	es A to B	Phases B to C	Phase	es C to A	Resistive im	balance
Incoming						
Leads/jump	ers: Ok		Lead ju	mper Image. :		
If other, leads/jump	ers:				Nc Availa	ot able

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Conclusion

Component Failure

Windings shorted, T-box cover corner broken

Cause of Failure

Comments

Service Tech name: Lyr

Lynn McDonald

Service Tech signature:

Lym Mid and

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