

Job Information

Job #:	94588			Date:	August 13, 2018	
Priority:	_	Authorized OT:	No	Authorized by:		

Customer Information

Name:	Riceland Foods		Reason:	
Contact:		Motor#:		PO#:
Application:	_	Special notes:		

Name Plate Information

Manufacturer:	Baldor	Enclosure :	Totally Enclosed Fan Cooled
Serial#:	X1104	Model#:	
Service Factor:	1.15	Frame:	449TS
Horsepower/kW:	200	Rated RPM:	1190
Rated Amps:	225	Rated Voltage:	460
Phase:	3	Cycles:	60
Special design:	No		

Enclosure Type image





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Mechanical Inspection

Inspect bolt holes and fasteners. Validate correct fasteners.

Does the shaft turn freely?:	Yes	Contaminant(s):	Water
Shaft rotation:	Bi-directional	Contaminant(s) Amt:	Quart
Shaft grounding device present?:	No	Contaminant Image:	
Type of grounding device:			
Shaft runout(TIR-Inbound):			

Bearings DE:	Worn	Bearings DE make:	SKF
Insulated:	No	Bearing DE Size:	6318 ZZ
Bearings ODE:	Worn	Bearings ODE make:	SKF
Bearing Type:	Ball	Bearing ODE Size:	6318 ZZ
Bearings Retainer:	Yes	Thermal Protection:	No
Retainer condition:	Good	Thermal Protection Type:	_

Bearing Type Image



Bearing Make Image



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Bearing Retainer Image



Thermal Protection

Not Available





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:	Full	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 Image 2:	
Seals ODE type:	Slinger		Not Available
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

Not Available Fan: Ok



Frame cond.: Good



Motor Mount Position:
Horizontal/Foot mount

Missing parts?

J-Box cover

O-rings

J-Box

HH cover

Glands

None

Endbell type: S

Single piece

Endbell Image:



Other missing parts

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Mechanical Inspection (Continued)

Air Gap Meaurements (N/A on Single Piece Endbell)			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	

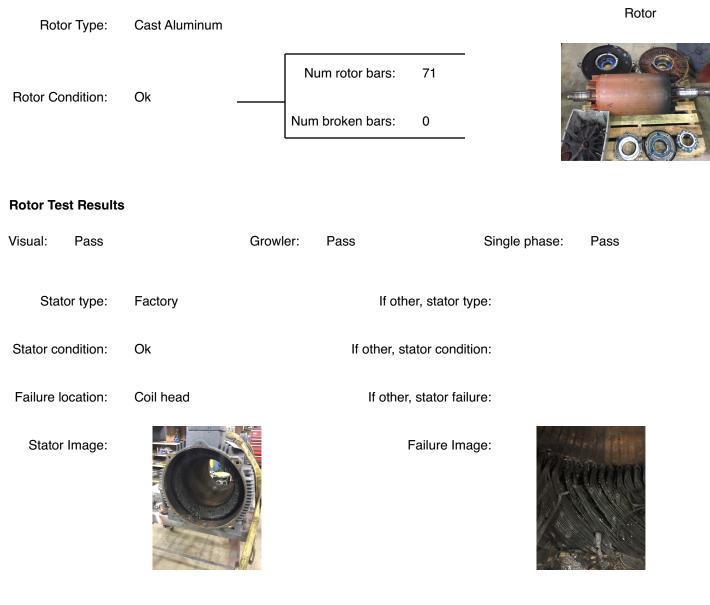
AC Electrical Inspection

Number of leads:	_	Terminal Markings:			
Length of leads:		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:	_	4-Yellow	8-Red		
Lug type:		Connections As Re	ceived:		
Lug Condition:	_	-	Terminal	Lugs	
Lug size:			N1 /		
Lug Attachment:	_	Not Not Available Availab			

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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 :	Charred				N	1-+
Winding Thermal Protection DE:	_				N Avai	lot Ilable
Winding Thermal Protection ODE:	_					
Stator test results:	Rewind					
Megs incoming: Bac	b	Surge incoming:	Bad	Hi-pot in	coming: B	lad
Winding Resistance I	ncoming					
Pha	ses A to B	Phases B to C	Phase	es C to A	Resistive im	balance
Incoming						
Leads/jump	oers: Ok		Lead jun	nper Image. :		
If other, leads/jump	pers:				Nc Availa	ot able

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Conclusion

Component Failure

ODE worn, Windings grounded

Cause of Failure

Water inside motor housing

Comments

Service Tech name: Lynn McDonald

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Service Tech signature:

Lynn Milland

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