

Job Information

Job #:	97263				Date:	August 31, 2020
Priority:	-	Authorized OT:	No	Authorized by:		

Customer Information

Name:	Grand Prairie Regional Water		Reason:	
Contact:		Motor#:		PO#:
Application:	_	Special notes:		

Name Plate Information

Manufacturer:	Limitorque	Enclosure :	Open Drop Proof (ODP)	Enclosure Type image
Serial#:		Model#:		
Service Factor:		Frame:	29	
Horsepower/kW:	.125	Rated RPM:		
Rated Amps:	.46	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?:	No	Contaminant(s):	None
Shaft rotation:	Bi-directional	Contaminant(s) Amt:	None
Shaft grounding device present?:	No		
Type of grounding device:			

Shaft runout(TIR-Inbound):

Bearings DE:	Worn	Bearings DE make:	Other
Insulated:	No	Bearing DE Size:	608 ZZ
Bearings ODE:	Worn	Bearings ODE make:	Other
Bearing Type:	Ball	Bearing ODE Size:	608 ZZ
Bearings Retainer:	Yes	Thermal Protection:	Yes
Retainer condition:	_	Thermal Protection Type:	_

Bearing Type Image



Bearing Make Image



Bearing Retainer Image



Thermal Protection



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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:	Unknown		
Grease Amt DE:	0	Grease Cond. DE:	New
Grease Amt ODE:	0	Grease Cond. ODE:	New
Seals DE type:	Isolators	Seals Image:	18 S
Seals DE size:	8 18 4		This
Seals DE (inbound) condition :			
Seals ODE type:	Slinger		
Seals ODE size:			
Seals ODE (inbound) condition :			
Shaft damage cause:	None	Shaft Image:	



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Mechanical Inspection (Continued)

Brg. Image:



Water jack	ket: N/A
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Fan:

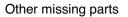
N/A

Frame cond.: Good



Endbell type: Motor Mount Position: Horizontal/Foot mount Single piece Missing parts? Endbell Image: O-rings J-Box J-Box cover

None



HH cover

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CENTRAL ARKANSAS 6812 Lindsey Rd. Little Rock, AR 72206 Phone 501-375-9178 Fax 501-375-4254

Glands



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	

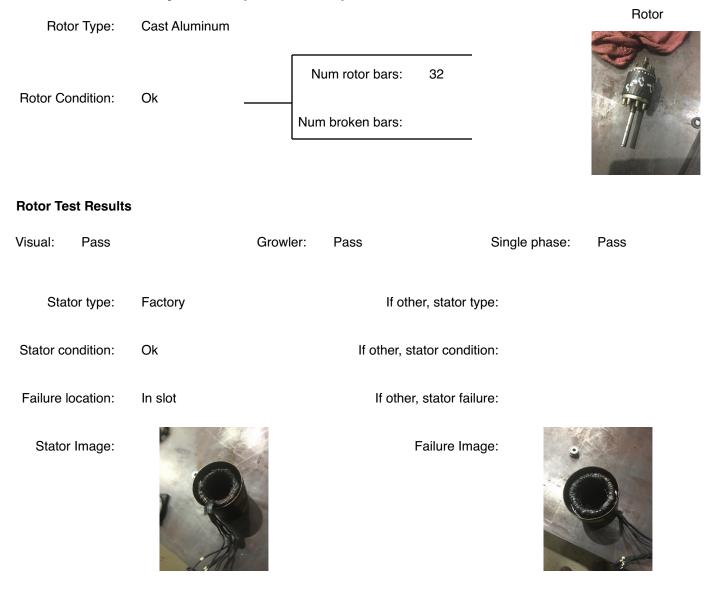
AC Electrical Inspection

Number of leads:	3	Terminal Markings:			
Length of leads:	42"	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	eceived:		
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	: Yes
Winding condition :	Solid					
Winding Thermal Protection DE:	_	1				
Winding Thermal Protection ODE:	_		All			
Stator test results:	Rewind					
Megs incoming: Ba	ad	Surge incoming:	Bad	Hi-pot in	coming:	Bad
Winding Resistance Ir	ncoming					
Phas	ses A to B	Phases B to C	Phase	es C to A	Resistive i	mbalance
Incoming						
Leads/jump	ers: Ok					
If other, leads/jump	ers:					

Mechanical Inspection

Inspect bolt holes and fasteners. Validate correct fasteners.

Shaft Condition:	Good	Bearings Retainer:	Yes
Type of grounding device:		Bearing DE Size:	608
Shaft runout(TIR-Inbound):		Bearing ODE Size:	608

Retainer condition:

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spec(<10%

Mechanical Inspection (Continued)

EASA

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Conclusion

Component Failure

Cause of Failure

Comments

Rewind bearings and seal motor overload

Service Tech name:

Robert Wiley

Service Tech signature:

un Viler

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