

Job Information

Job #:	94488				Date:	July 9, 2018
Priority:	_	Authorized OT:	No	Authorized by:		

Customer Information

Name:	Ring Container	Reason:		
Contact:		Motor#:		PO#:
Application:	_	Special notes:		

Name Plate Information

Manufacturer:	US Motors	Enclosure :	Open Drop Proof (ODP)	Enclosure Type image
Serial#:		Model#:		
Service Factor:	1.15	Frame:	284T	
Horsepower/kW:	25	Rated RPM:	1775	
Rated Amps:	58/29	Rated Voltage:	230/460	
Phase:	3	Cycles:	60	
Special design:	No			

Nameplate

DE

ODE

F1

F2



Тор

WEST TENNESSEE 7030 Ryburn Drive Millington, TN 38053 Phone 901-873-5300 Fax 901-873-5301



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:	
Insulated:	No	Bearing DE Size:	6310 ZZ
Bearings ODE:	Worn	Bearings ODE make:	Other
Bearing Type:	Ball	Bearing ODE Size:	6210 ZZ
Bearings Retainer:	No	Thermal Protection:	No
Retainer condition:	_	Thermal Protection Type:	_

Bearing Type Image



Bearing Make Image



WEST TENNESSEE 7030 Ryburn Drive Millington, TN 38053 Phone 901-873-5300 Fax 901-873-5301 CENTRAL ARKANSAS 6812 Lindsey Rd. Little Rock, AR 72206 Phone 501-375-9178 Fax 501-375-4254 Not Available

Bearing Retainer Image

Not Available

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:	Full	Grease Cond. DE:	New
Grease Amt ODE:	Full	Grease Cond. ODE:	New
Seals DE type:	N/A	Seals Image:	
Seals DE size:			Not Available
Seals DE (inbound) condition :			
Seals ODE type: Seals ODE size:	N/A	Seals Image 2:	Not Available
Seals ODE (inbound) condition			
Shaft damage cause:	None	Shaft Image:	



VEST TENNESSE 7030 Ryburn Drive Millington, TN 38053 Phone 901-873-5300 Fax 901-873-5301

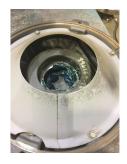


Mechanical Inspection (Continued)

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:	
J-Box cover	O-rings	J-Box		
HH cover	Glands	None None		



WEST TENNESSEE 7030 Ryburn Drive Millington, TN 38053 Phone 901-873-5300 Fax 901-873-5301

Other missing parts



Mechanical Inspection (Continued)

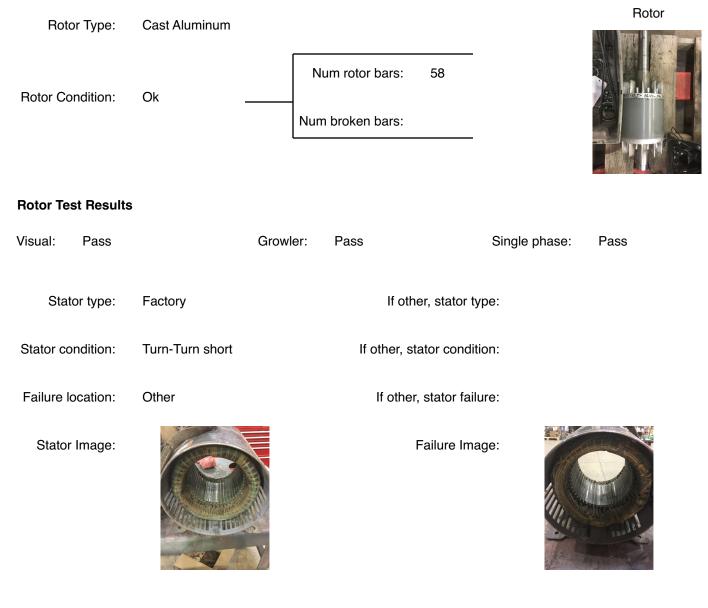
Air Gap Meaurements (N/A on Single P	Does Air Gap Meet Customer or EASA spec(<10% variation)?	
DE @ 0	ODE @ 0	_
DE @ 90	ODE @ 90	
DE @ 180	ODE @ 180	
DE @ 270	ODE @ 270	

AC Electrical Inspection

Number of leads:	12	Terminal Markings	5:	
Length of leads:			tds. MG 1-2009, Rev. 1- tified 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 I	Received:	
Lug Condition:	Good		Terminal	Lugs
Lug size:			Not	
Lug Attachment:	Acceptable	Ą	vailable	A CONTRACTOR



AC Electrical Inspection (Continued)



WEST TENNESSEE 7030 Ryburn Drive Millington, TN 38053 Phone 901-873-5300 Fax 901-873-5301



AC Electrical Inspection (Continued)

Winding	g color:	Like new	Winding	g image	Winding Thermal P	rotection:	No
Winding con	dition :	Solid				No	^+
Winding T Protecti		_					able
Winding T Protectior		_		A Y			
Stator test r	results:	Rewind					
Megs incoming	: Goo	d	Surge incoming:	Bad	Hi-pot inco	ming: Ba	d
Winding Resi	stance In	coming					
	Phas	es A to B	Phases B to C	Phases	s C to A R	lesistive imba	alance
Incoming	0.30	3	0.304	0.165	4	45.7	
Le	ads/jump	ers: Ok		Lead jum	per Image. :		
lf other, le	ads/jump	ers:				Not Availa	

VEST TENNESSE 7030 Ryburn Drive Millington, TN 38053 Phone 901-873-5300 Fax 901-873-5301



Conclusion

Component Failure

Windings

Cause of Failure

Windings shorted turn to turn in one phase

Comments

Service Tech name:

Lynn McDonald

Service Tech signature:

Lyn Malonall

WEST TENNESSEE 7030 Ryburn Drive Millington, TN 38053 Phone 901-873-5300

Fax 901-873-5301