

Job Information

Job #:	94537				Date:	July 20, 2018
Priority:	_	Authorized OT:	No	Authorized by:		

Customer Information

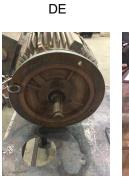
Name:	AFT		Reason:	
Contact:		Motor#:		PO#:
Application:	_	Special notes:		

Name Plate Information

Manufacturer:	Baldor	Enclosure :	Totally Enclosed Fan Cooled	Enclosure Type image
Serial#:	B9040704 070	Model#:	B377400	
Service Factor:		Frame:	324HP	
Horsepower/kW:	40	Rated RPM:	1775	
Rated Amps:	99/49.5	Rated Voltage:	230/460	
Phase:	3	Cycles:	60	
Special design:	No			

Nameplate







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?:	No	Contaminant(s):	Other
Shaft rotation:	_	Contaminant(s) Amt:	Other
Shaft grounding device present?:	No	Contaminant Image:	
Type of grounding device:			
Shaft runout(TIR-Inbound):			

Bearings DE:	Worn	Bearings DE make:	Коуо
Insulated:	No	Bearing DE Size:	6311ZZ
Bearings ODE:	Worn	Bearings ODE make:	Коуо
Bearing Type:	Ball	Bearing ODE Size:	6311 2RS
Bearings Retainer:	Yes	Thermal Protection:	No
Retainer condition:	Good	Thermal Protection Type:	_

Bearing Type Image



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



CENTRAL ARKANSAS 6812 Lindsey Rd. Little Rock, AR 72206 Phone 501-375-9178 Fax 501-375-4254 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:	Charred
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:	Other	Shaft Image:	R.



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: Broken	Frame conc	l.: Good
Not Available			
Motor Mount Position: Vertical Flange mount		Endbell type:	Single piece
Missing parts?		Endbell Image:	
J-Box cover O-rings J-Box			
HH cover Glands None			

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



Mechanical Inspection (Continued)

Air Gap Meaurements (N/A on Single F	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:	9	Terminal Markings:		
Length of leads:	8"	REF: NEMA Stdg Markings Identifi	s. MG 1-2009, Rev. 1- ed 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 Re	ceived: 460 volt	
Lug Condition:	_	7	Terminal	Lugs
Lug size: Lug Attachment:	_			Not Available
_ug /uorinterit.		P	U	Available

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



AC Electrical Inspection (Continued)

Rotor Type:	Cast Aluminum		Rotor
Rotor Condition:	Ok	Num rotor bars: Num broken bars:	
Rotor Test Results			
Visual: Pass	Grow	ler: Pass	Single phase: Pass
Stator type:	Factory	If other, stator typ	De:
Stator condition:	Ok	If other, stator condition	on:
Failure location:	Other	If other, stator failu	re:
Stator Image:		Failure Imag	^{ge:} Not Available

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



AC Electrical Inspection (Continued)

Winding co	lor:	Painted	Winding	g image	Winding Therma	al Protection:	No
Winding condition	on :	Solid		D		N	at
Winding Therr Protection [_				Avai	ot lable
Winding Therr Protection OI		_		TAN			
Stator test resu	ilts:	Salvageable					
Megs incoming:	Good	ł	Surge incoming:	Good	Hi-pot ir	ncoming: G	ood
Winding Resistar	nce Ind	coming					
	Phase	es A to B	Phases B to C	Phase	s C to A	Resistive imb	balance
Incoming	0.202	2	0.202	0.201		0.2	
Leads	/jumpe	rs: Ok		Lead jun	nper Image. :	E	Nº 1
If other, leads	/jumpe	rs:					

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



Conclusion

Component Failure

DE EB Worn

Cause of Failure

DE housing worn excessively, DE Shaft seal surface worn needs repairs (metallize)

Comments

Service Tech name: Ly

Lynn McDonald

Service Tech signature:

Lynn M. Dneld

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

Fax 901-873-5301