

AC Recondition As Found Sage V Foods

5901 SLOAN DRIVE LITTLE ROCK, AR 72206

AC Recondition - Rev. 2

Location:	MOTOR SHOP LR
Serial Number:	C0906010023

Description:50HP BALDOR 1800RPM 326TDZ

FolderID: 100621 FormID: 15343513

Hi-Speed Job Number:	100621
Manufacturer:	Baldor
Product Number:	12F654W829G1
Spec/ID #:	12F654W829G1
Serial Number:	C0906010023
HP/kW:	50 (HP)
RPM:	1775 (RPM)
Frame:	326TDZ
Voltage:	230 / 460
Current:	114/57
Phase:	Three
Hz:	60 (Hz)
Service Factor:	1.00
Enclosure:	TEFC
J-box Included:	Complete
Coupling/Sheave:	None
Bearing RTDs:	No
Stator RTDs:	No
Repair Stage:	Final
Heaters:	No
Winding Type :	Random Wound
Bearing Type:	Rolling Element

Priorities Found: 🛑 1 - High

1 - High 🛛 🔵 7 - Good

- **Overall Condition**
 - 1. Report Date





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	3.	Photos of all six sides of the machine.	as Passivad
	4.	Describe the Overall Condition of the Equipment Dirty	as neuelveu
Ini	tial I	Mechanical/Electrical	0
	5.	Does Shaft Turn Freely?	(Yes) Yes
-	6.	Does Shaft Have Visible Damage?	(No) No
	7.	Assembled Shaft Runout	
	8.	Assembled Shaft End Play	
	9.	Air Gap Variation <10%	
	10.	Lead Condition	(P) Pass

100621 Data Tests Trending

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12.	Frame Condition	pass	
13.	Fan Condition	(P) Pass	P54
14.	Broken or Missing Components	two j-box bolts	
Initial E	Electrical Inspection		0
15.	Insulation Resistance/Megger		
16.	Winding Resistance		
	1-2 1-3	2-3	
17. Tools Help 109621 109621 109621 10962 1096 1096 1096 1096 1096 1096 1096 1096 1096 109 1096 1096 109	Manual Tanana Manual Tanana Substance Tanana	(P) Pass	Ρ35
18.	Number of Stator Slots	Megohms	
		pass	
	nical Inspection		
20.	Drive End Bearing Number-	6312	
21.	Drive End Bearing Qty.	1 (Ball) Ball Bearing	
22	Drive End Bearing Lype	(Dall) Dall Dearing	
22. 23	Drive End Bearing Type		
23.	Drive End Lubrication Type	(Grease) Grease Lubricated	
23. 24.	Drive End Lubrication Type Drive End Bearing Insulation or Grounding Device?	(Grease) Grease Lubricated	
23. 24. 25.	Drive End Lubrication Type Drive End Bearing Insulation or Grounding Device? Drive End Wavy Washer/Snap-Ring Other Retention Device	(Grease) Grease Lubricated na e? na	
23. 24. 25. 26.	Drive End Lubrication Type Drive End Bearing Insulation or Grounding Device? Drive End Wavy Washer/Snap-Ring Other Retention Devic Drive End Bearing Condition	(Grease) Grease Lubricated na e? na worn	
23. 24. 25. 26. 27.	Drive End Lubrication Type Drive End Bearing Insulation or Grounding Device? Drive End Wavy Washer/Snap-Ring Other Retention Devic Drive End Bearing Condition Opposite Drive End Bearing Number-	(Grease) Grease Lubricated na e? na	
23. 24. 25. 26.	Drive End Lubrication Type Drive End Bearing Insulation or Grounding Device? Drive End Wavy Washer/Snap-Ring Other Retention Devic Drive End Bearing Condition	(Grease) Grease Lubricated na e? na worn 6311	

31.	Opposite Drive End Bearing Insula	ation or Grounding Device?	na	
32.	Opposite Drive End Wavy Washer	r/Snap-Ring Other Retention Device?	wavy washer	
33.	Opposite Drive End Bearing Cond	ition	worn	
34.	Drive End Seal		inprobe	
35.	Opposite Drive End Seal		inprobe	
Rotor	Inspection			
36.	Rotor Type/Material		(Squirrel Aluminum) Squirrel Cage Aluminum Die Cast	
37.	Growler Test		(Pass) Pass	
38.	Number of Rotor Bars		40	
39.	Rotor Condition		pass	
40.	List the Parts needed for the Repa 6312 6311 Bearing fit sleeve for ODE end bell	air Below		
41.	Signature of Technician that Disas		Cw	
Mecha	nical Fits- Rotor			
42.	Shaft Runout		0.004 inches	
43.	Rotor Runout			
	Drive End Bearing Fit	Rotor Body	Opposite Drive End Bearing	
44.	Coupling Fit Closest to Bearing Ho	busing		
	0 Degrees	90 Degrees	120 Degrees	
		-		
45.	Coupling Fit Closest to the end of	the Shaft		
	0 Degrees	60 Degrees	120 Degrees	
46.	Drive End Bearing Shaft Fit			
	0 Degrees	60 Degrees	120 Degrees	
	2.3626x3			
• 47.	Drive End Bearing Shaft Fit Condit	tion	(P) Pass	
48.	Opposite Drive End Bearing Shaft	Fit		
	0 Degrees	60 Degrees	120 Degrees	
	2.1657x3			
4 9.	Opposite Drive End Bearing Shaft	Fit Condition	(P) Pass	
50.	Shaft Air Seal Fits			
	Drive End Air Seal	Opposite Drive End Air Seal		
Mecha	nical Fits- Bearing Housings			0
	5			

51. • • 52.	Drive End - Endbell Bearing Fit 0 Degrees			
7-	0 Degrees			
7-	0 209.000	60 Degrees	120 Degrees	
52.	51190x2 5.1189			
U	Drive End - Endbell Bearing Fit Co	ondition	(P) Pass	
53.	Opposite Drive End - Endbell Bea	ring Fit		
	0 Degrees	60 Degrees	120 Degrees	
	Egg shaped			
• 54.	Opposite Drive End - Endbell Bea	ring Fit Condition	(F) Fail	
55.	Bearing Cap Condition			P3(
	Drive End Bearing Cap	Opposite Drive End Bearing Cap		
	Pass			
-				
1	and the second se			
12	2			
	and in the second			
Non				
100	and the second second			
56.	End Bell Air Seal Fits			
00.	Drive End Air Seal	Opposite Drive End Air Seal		
	Drive End All Seal	Opposite Drive End All Gear		
F7	List Machine Work Needed Below	1		
n /	ODE end bell bearing fit			
57.				
			<u>^</u>	
57.	Technician		Cw	
			Cw	
58.			Cw	
58.	Technician		Cw	0
58.	Technician Mic Balance Report Rotor Weight and Balance Grade	Balance Grade	Cw	Ō
58.	Technician		Cw	
58.	Technician Mic Balance Report Rotor Weight and Balance Grade		Cw	
58.	Technician Mic Balance Report Rotor Weight and Balance Grade Rotor Weight		Cw	

61.	Final Balance Readings			P200
-	Drive End	Opposite Drive End		
	-			
and the second s	the second se			
r	Property and Property Research Street			
L'Artena Artena	an and an			
	0.0 No1 0.0 No1 00 Notice 100 No1 100 No1			
	Anna Air Se ang Mana Sana Mana Sana Mana Sana Sana Mana Sana			
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/ 1				
62.	Technician		Terrence Holland	
7	7	loof		
/		-00-9		
	_			
Rewind		n David d		
63.	Core Test Results - Watts loss pe Pre-Burnout	Post Burnout		
	Ple-Dullioul	Post Bumoul		
64.	Core Hot Spot Test			
	Pre-Burnout	Post-Burnout		
65.	Post Rewind Electrical Test- Insu	lation Resistance		
66.	Post Rewind Polarization Index			
67.	Post Rewind Winding Resistance			
	1-2	1-3	2-3	
60	Post Powind Surga Tast			
68. 69.	Post Rewind Surge Test Post Rewind Hi-Pot			
70.	Technician			
	ause of Failure			
71.				
	Bearings and ODE end bell bearing	y fit		
72.	Root cause of failure			
	Wear			
	nical Fits- Rotor - Post Repai	r		
73.	•			
74.	Rotor Runout Post Repair			
	Drive End Bearing Fit	Rotor Body	Opposite Drive End Bearing	

75.				
	Coupling Fit Closest to Bearing	Housing Post Repair		
	0 Degrees	90 Degrees	120 Degrees	
	5	č	5	
76.	Coupling Fit Closest to the end	of the Shaft Post Repair		
70.		· ·	120 Degrees	
	0 Degrees	60 Degrees	120 Degrees	
77.	0	•		
	0 Degrees	60 Degrees	120 Degrees	
78.	Opposite Drive End Bearing Sha	aft Fit Post Repair		
	0 Degrees	60 Degrees	120 Degrees	
79.	Shaft Air Seal Fits Post Repair			
	Drive End Air Seal	Opposite Drive End Air Seal		
	Drive End Air Ocdi	opposite Drive End Air Ocar		
00	Shaft Repair Sign-off			
80.		De et Demein	-	
	nical Fits- Bearing Housings	-	0	
81.	Ũ			
	0 Degrees	60 Degrees	120 Degrees	
82.	Opposite Drive End - Endbell Be	earing Fit Post Repair		P100
	0 Degrees	60 Degrees	120 Degrees	
	4.725	4.725	4.725	
Intel	COCCU-			
83.	Bearing Cap Condition Post Rep			
83.	Bearing Cap Condition Post Rep Drive End Bearing Cap	pair Opposite Drive End Bearing Ca	0	
83.	Drive End Bearing Cap	Opposite Drive End Bearing Ca	2	
83. 84.		Opposite Drive End Bearing Ca	0	
	Drive End Bearing Cap	Opposite Drive End Bearing Ca		
	Drive End Bearing Cap End Bell Air Seal Fits Post Repa	Opposite Drive End Bearing Cap	2	
	Drive End Bearing Cap End Bell Air Seal Fits Post Repa	Opposite Drive End Bearing Cap	0	
84. 85.	Drive End Bearing Cap End Bell Air Seal Fits Post Repa Drive End Air Seal End Bell Repair Sign-off	Opposite Drive End Bearing Cap		
84. 85. Assem	Drive End Bearing Cap End Bell Air Seal Fits Post Repa Drive End Air Seal End Bell Repair Sign-off	Opposite Drive End Bearing Cap air Opposite Drive End Air Seal		
84. 85. Assem 86.	Drive End Bearing Cap End Bell Air Seal Fits Post Repa Drive End Air Seal End Bell Repair Sign-off Ibly Photograph All Major Compone	Opposite Drive End Bearing Cap air Opposite Drive End Air Seal		
84. 85. Assem 86. 87.	Drive End Bearing Cap End Bell Air Seal Fits Post Repa Drive End Air Seal End Bell Repair Sign-off Ibly Photograph All Major Compone Final Insulation Resistance Test	Opposite Drive End Bearing Cap air Opposite Drive End Air Seal		
84. 85. Assem 86.	Drive End Bearing Cap End Bell Air Seal Fits Post Repa Drive End Air Seal End Bell Repair Sign-off Ibly Photograph All Major Compone	Opposite Drive End Bearing Cap air Opposite Drive End Air Seal		

90.	Test Run Voltage			
	Volts	Volts	Volts	
91.	Test Run Amperage			
	Amps	Amps	Amps	
92.	Drive End Vibration Readin	gs - Inches Per Second		
	Horizontal	Vertical	Axial	
93.	Opposite Drive End Vibratio	on Readings - Inches Per Seco	ond	
	Horizontal	Vertical	Axial	
94.	Ambient Temperature - Fal	renheit		
95.	Drive End Bearing Temps -	Fahrenheit		
	5 Minutes	10 Minutes	15 Minutes	
96.	Opposite Drive End Bearing	g Temps - Fahrenheit		
	5 Minutes	10 Minutes	15 Minutes	
97.	Final Test Run Sign-off			
98.	Document Final Condition	vith Pictures after paint		
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99. Final Pics and QC Review









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