



Hi-Speed Industrial Service  
7030 Ryburn Dr  
Millington, Tn 38053  
901-873-5300

## AC Recondition Repair Report

FolderID: 98068  
FormID: 10383743

**SAGE**  
5901 SLOAN DRIVE  
LITTLE ROCK, AR 72206

Priorities Found: ● 1 - High ● 15 - Good

### General

1. Job Number	98068
2. Report Date	04/07/2021
3. Customer	SAGE FOODS

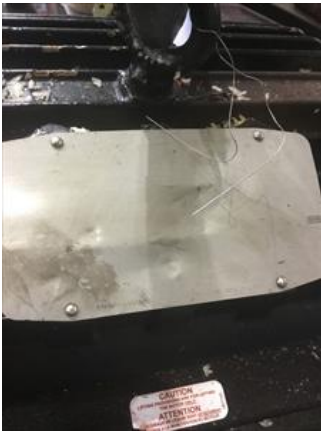
### Name Plate Information




4. Manufacturer	BALDOR	P5
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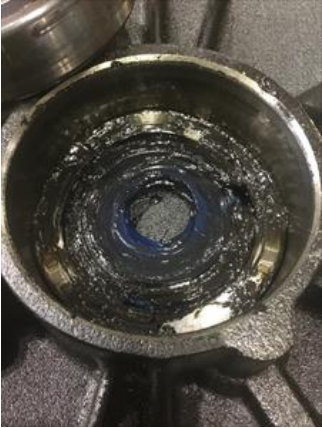




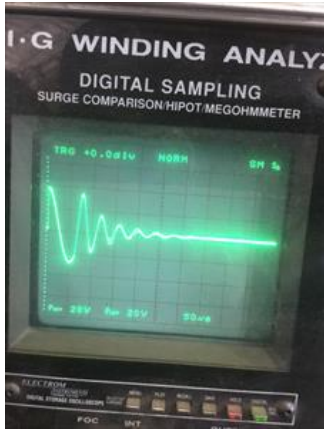
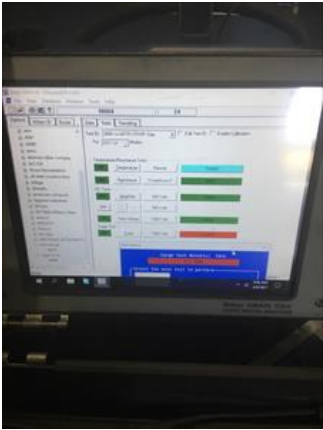
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5.	Model	
6.	Serial Number	C 1703270 142
7.	Horsepower	25
8.	KW	
9.	Volts	460
10.	Amps	30
11.	RPM	1770
12.	Frame	284T
13.	Enclosure	TEAO
14.	Cycles	60
15.	Phase	3
16.	Service Factor	1.15
17.	Motor Mount Position	
<b>Initial Inspection</b>		
18.	Number of Leads	9
19.	Lead Length	15.5 Inches
20.	Lead Size	
21.	Lead Condition	(P) Pass
22.	Lead Markings	1-9
23.	Lug Size, Condition, and Type	
24.	Winding RTD's	
25.	Winding Rtd's Condition	
26.	Shaft Run Out	0.001

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27.	Does Shaft Turn Freely	yes	
28.	Does Shaft Have Visible Damage	no	
29.	Bearing Rtd's		
30.	Bearing Rtd's Condition		
31.	Contamination <i>Grease dirty</i>		P104
			
32.	Frame Condition	(P) Pass	P106
			
33.	Fan Condition	(NA) Not Applicable	
34.	Broken or missing components		
<b>Initial Electric Test</b>			
35.	Resistance to Ground		
36.	Winding Resistance 1-2		
37.	Winding Resistance 2-3		
38.	Winding Resistance 1-3		
39.	Resistive Imbalance		
40.	Hi-Pot		



Initial Rotor Inspection		
44.	Rotor Type	laminate squirrel cage
45.	Air Gap <10% Variation	
46.	Number of Rotor Bars	
47.	Number of Broken Rotor Bars	
	48. Growler Test	(P) Pass
	49. Rotor Condition	(P) Pass
Mechanical Inspection		

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50. Bearing Manufacture	FAG	
51. Bearing DE Size	6311 RSR	P15
<div>   </div>		
<div>  </div>		
52. Bearing DE Type	regular sealed ball bearing	
53. DE Bearing Qty.	1	
54. Bearing ODE Size	6309 RSR	P43
<div>   </div>		
55. Bearing ODE Type	regular sealed ball bearing	
56. ODE Bearing Qty.	1	
57. Insulated Bearing	no	
58. Lubrication Type	grease	
59. Grease Condition	(F) Fail	
60. Bearing Retainers	(Y) Yes	

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61. Shaft Grounding Device	(NA) Not Applicable
62. DE Seal	
63. DE Seal Type/Size	
64. ODE Seal	(Y) Yes
65. ODE Seal Type/Size	in pro

#### Root Cause of Failure



66. Component Failure

D.E. Bearing cage.

P2



67. Cause of Failure

*Contaminated grease.*

68. Comments

*Recondition stator windings and replace bearings. In pro seal o-rings need replaced.*


69. Service Technician

Terrence. Holland

#### Machine Fit Inspection Report

70. Shaft Run Out	
71. Initial Shaft Run Out	
72. Final Shaft Run Out	
73. DE Bearing Shaft Fit	(P) Pass
74. DE Initial Shaft Bearing Fit Size 1	2.1661 "
75. DE Initial Shaft Bearing Fit Size 2	2.166 "
76. DE Initial Shaft Bearing Fit Size 3	2.166 "
77. DE Finial Shaft Bearing Fit Size 1	
78. DE DE Finial Shaft Bearing Fit Size 2	
79. DE DE Finial Shaft Bearing Fit Size 3	
80. ODE Bearing Shaft Fit	(P) Pass
81. ODE Initial Shaft Bearing Fit Size 1	1.7722 "
82. ODE Initial Shaft Bearing Fit Size 2	1.7722 "
83. ODE Initial Shaft Bearing Fit Size 3	1.7221 "
84. ODE Finial Shaft Bearing Fit Size 1	"
85. ODE Finial Shaft Bearing Fit Size 2	
86. ODE Finial Shaft Bearing Fit Size 3	

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87.	DE Air Seal Shaft Fit	
88.	DE Initial Air Seal Shaft Size	
89.	DE Final Air Seal Shaft Size	
90.	ODE Air Seal Shaft Fit	
91.	ODE Initial Air Seal Shaft Size	
92.	ODE Final Air Seal Shaft Size	
93.	DE Endbell Fit	(P) Pass
94.	DE Initial Endbell Fit Size 1	4.7248 "
95.	DE Initial Endbell Fit Size 2	4.7247 "
96.	DE Initial Endbell Fit Size 3	4.7247 "
97.	DE Final Endbell Fit Size 1	
98.	DE Final Endbell Fit Size 2	
99.	DE Final Endbell Fit Size 3	
100.	DE Endbell Fit Insulated	
101.	DE Endbell Air Seal Fit	
102.	Initial Endbell Air Seal Fit Size	
103.	Final Endbell Air Seal Fit Size	
104.	ODE Endbell Fit	(P) Pass
105.	ODE Initial Endbell Fit Size 1	3.9375 "
106.	ODE Initial Endbell Fit Size 2	3.9375 "
107.	ODE Initial Endbell Fit Size 3	3.9375 "
108.	ODE Final Endbell Fit Size 1	
109.	ODE Final Endbell Fit Size 2	
110.	ODE Final Endbell Fit Size 3	
111.	ODE Endbell Fit Insulated	(NA) Not Applicable
112.	ODE Endbell Air Seal Fit	
113.	ODE Initial Endbell Seal Fit Size	
114.	ODE Final Endbell Seal Fit Size	
115.	Foot Flatness	(P) Pass
116.	Foot Condition	(P) Pass
117.	Flange Condition	(NA) Not Applicable
118.	Service Technician	Terrence. Holland
		

### Balancing Report

119.	Balance Type	
120.	Balance Operating Speed	
121.	Start Left End	
122.	Start Right End	
123.	Balancing Specification	
124.	Finish Left End	
125.	Finish Right End	
126.	Service Technician	

### Assembly and Final Test

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127. Meggar Testing Reading
128. Surge Test
129. Hi-Pot
130. Winding Resistance 1-2
131. Winding Resistance 2-3
132. Winding Resistance 1-3
133. Test Run Voltage Phase A
134. Test Run Amps A
135. Test Run Voltage Phase B
136. Test Run Amps B
137. Test Run Voltage Phase C
138. Test Run Amps C
139. DE Horizontal Vibration Reading
140. DE Vertical Vibration Reading
141. DE Axial Vibration Reading
142. ODE Horizontal Vibration Reading
143. ODE Vertical Vibration Reading
144. ODE Axial Vibration Reading
145. Ambient Temp at start of Test Run
146. Temp at 5 minutes
147. Temp at 10 minutes
148. Temp at 15 minutes
149. Temp at 20 minutes
150. Temp at 25 minutes
151. Temp at 30 minutes
152. Temp at 35 minutes
153. Temp at 40 minutes
154. Temp at 45 minutes
155. Temp at 50 minutes
156. Temp at 55 minutes
157. Temp at 60 minutes
158. Motor Paint
159. Service Technician