



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

## AC Recondition Repair Report

FolderID: 100611  
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Sage V Foods  
5901 SLOAN DRIVE  
LITTLE ROCK, AR 72206

Priorities Found: ● 13 - Good

### General

1. Job Number	100611
2. Report Date	
3. Customer	sage foods

### Name Plate Information

4. Manufacturer	BALDOR	P5
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5. Model	<b>SPEC: 07J015W332G1</b>
6. Serial Number	<b>1107276584</b>
7. Horsepower	<b>2.5</b>
8. KW	
9. Volts	<b>460</b>
10. Amps	<b>5.1</b>
11. RPM	<b>1120</b>
12. Frame	<b>213Z</b>
13. Enclosure	<b>TENV</b>
14. Cycles	<b>60</b>
15. Phase	<b>3</b>

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16.	Service Factor		
17.	Motor Mount Position		
<b>Initial Inspection</b>			
18.	Number of Leads		
19.	Lead Length		
20.	Lead Size		
21.	Lead Condition		
22.	Lead Markings		
23.	Lug Size, Condition, and Type		
24.	Winding RTD's		
25.	Winding Rtd's Condition		
26.	Shaft Run Out		
27.	Does Shaft Turn Freely		
28.	Does Shaft Have Visible Damage		
29.	Bearing Rtd's		
30.	Bearing Rtd's Condition		
31.	Contamination		
32.	Frame Condition		
● 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		
● 41.	Surge Test	(P) Pass	P58

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43. Failure Location

**Initial Rotor Inspection**44. Rotor Type **squirrel cage laminate**

45. Air Gap &lt;10% Variation

46. Number of Rotor Bars

47. Number of Broken Rotor Bars

48. Growler Test

☒ 49. Rotor Condition **(P) Pass**
**Mechanical Inspection**50. Bearing Manufacture **Fag**51. Bearing DE Size **22313**52. Bearing DE Type **cylindrical**53. DE Bearing Qty. **1**54. Bearing ODE Size **NU 311**55. Bearing ODE Type **NU**56. ODE Bearing Qty. **1**57. Insulated Bearing **none**58. Lubrication Type **grease**
☒ 59. Grease Condition **(P) Pass**
60. Bearing Retainers **(NA) Not Applicable**

61. Shaft Grounding Device

☒ 62. DE Seal **(Y) Yes**

63. DE Seal Type/Size

☒ 64. ODE Seal **(Y) Yes**

65. ODE Seal Type/Size

**Root Cause of Failure**

66. Component Failure

67. Cause of Failure

*Customer request inspection and recondition of motor.*


68. Comments



### Machine Fit Inspection Report

70.	Shaft Run Out	(P) Pass
71.	Initial Shaft Run Out	0.001 "
72.	Final Shaft Run Out	
73.	DE Bearing Shaft Fit	(P) Pass
74.	DE Initial Shaft Bearing Fit Size 1	
75.	DE Initial Shaft Bearing Fit Size 2	
76.	DE Initial Shaft Bearing Fit Size 3	
77.	DE Finial Shaft Bearing Fit Size 1	
78.	DE Finial Shaft Bearing Fit Size 2	
79.	DE Finial Shaft Bearing Fit Size 3	
80.	ODE Bearing Shaft Fit	(P) Pass
81.	ODE Initial Shaft Bearing Fit Size 1	
82.	ODE Initial Shaft Bearing Fit Size 2	
83.	ODE Initial Shaft Bearing Fit Size 3	
84.	ODE Finial Shaft Bearing Fit Size 1	
85.	ODE Finial Shaft Bearing Fit Size 2	
86.	ODE Finial Shaft Bearing Fit Size 3	
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	
95.	DE Initial Endbell Fit Size 2	
96.	DE Initial Endbell Fit Size 3	
97.	DE Final Endbell Fit Size 1	
98.	DE Finial Endbell Fit Size 2	
99.	DE Final Endbell Fit Size 3	
100.	DE Endbell Fit Insulated	(NA) Not Applicable
101.	DE Endbell Air Seal Fit	
102.	Initial Endbell Air Seal Fit Size	
103.	Finial Endbell Air Seal Fit Size	
104.	ODE Endbell Fit	(P) Pass
105.	ODE Initial Endbell Fit Size 1	
106.	ODE Initial Endbell Fit Size 2	
107.	ODE Initial Endbell Fit Size 3	
108.	ODE Final Endbell Fit Size 1	
109.	ODE Final Endbell Fit Size 2	
110.	ODE Final Endbell Fit Size 3	

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111. ODE Endbell Fit Insulated	(NA) Not Applicable
112. ODE Endbell Air Seal Fit	
113. ODE Initial Endbell Seal Fit Size	
114. ODE Finial Endbell Seal Fit Size	
● 115. Foot Flatness	(NA) Not Applicable
● 116. Foot Condition	(NA) Not Applicable
117. Flange Condition	
118. Service Technician	
<b>Balancing Report</b>	
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	Terrence Holland
	
<b>Assembly and Final Test</b>	
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	

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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

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