



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

## AC Recondition Repair Report

FolderID: 99046  
FormID: 12256624

**Sage V Foods**  
5901 SLOAN DRIVE  
LITTLE ROCK, AR 72206

Priorities Found: ● 1 - High ● 15 - Good

### General

1. Job Number	99046
2. Report Date	12/01/2021
3. Customer	Sage V Foods

### Name Plate Information

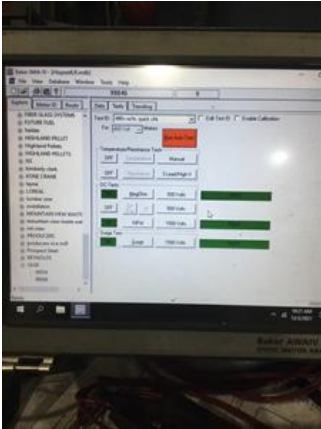


4. Manufacturer	Baldor	P5
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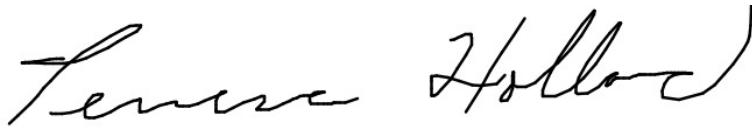


5. Model	07J0152W332G1
6. Serial Number	F1107276584
7. Horsepower	2.5
8. KW	
9. Volts	460
10. Amps	5.1
11. RPM	1120
12. Frame	213Z
13. Enclosure	TENV
14. Cycles	60
15. Phase	3
16. Service Factor	1.00
17. Motor Mount Position	
<b>Initial Inspection</b>	
18. Number of Leads	
19. Lead Length	
20. Lead Size	
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	

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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>	
● 32.	Frame Condition	(P) Pass
● 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
42.	Stator Condition	pass
43.	Failure Location	
<b>Initial Rotor Inspection</b>		
44.	Rotor Type	squirrel cage laminate
45.	Air Gap <10% Variation	
46.	Number of Rotor Bars	
47.	Number of Broken Rotor Bars	0
● 48.	Growler Test	(P) Pass
● 49.	Rotor Condition	(P) Pass
<b>Mechanical Inspection</b>		
50.	Bearing Manufacture	skf
51.	Bearing DE Size	nu311e
52.	Bearing DE Type	NU
53.	DE Bearing Qty.	1
54.	Bearing ODE Size	22313
55.	Bearing ODE Type	
56.	ODE Bearing Qty.	1
57.	Insulated Bearing	no
58.	Lubrication Type	grease
● 59.	Grease Condition	(F) Fail
● 60.	Bearing Retainers	(Y) Yes
61.	Shaft Grounding Device	(NA) Not Applicable
62.	DE Seal	(NA) Not Applicable
63.	DE Seal Type/Size	
● 64.	ODE Seal	(Y) Yes
65.	ODE Seal Type/Size	CR31135-L
<b>Root Cause of Failure</b>		
66.	Component Failure	
67.	Cause of Failure <i>Contaminated grease in bearings</i>	
68.	Comments	

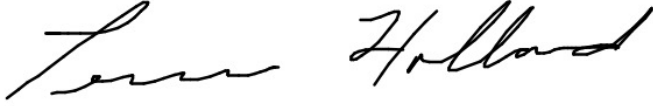
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### Machine Fit Inspection Report

70.	Shaft Run Out	(P) Pass
71.	Initial Shaft Run Out	0.002 "
72.	Final Shaft Run Out	
73.	DE Bearing Shaft Fit	(P) Pass
74.	DE Initial Shaft Bearing Fit Size 1	2.1642 "
75.	DE Initial Shaft Bearing Fit Size 2	216.41 "
76.	DE Initial Shaft Bearing Fit Size 3	2.1641 "
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	2.5577 "
82.	ODE Initial Shaft Bearing Fit Size 2	2.5577 "
83.	ODE Initial Shaft Bearing Fit Size 3	2.5577 "
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	5.509 "
95.	DE Initial Endbell Fit Size 2	5.5089 "
96.	DE Initial Endbell Fit Size 3	5.509 "
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	
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	4.725 "
106.	ODE Initial Endbell Fit Size 2	4.7252 "
107.	ODE Initial Endbell Fit Size 3	4.7251 "
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	(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

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
159.	Service Technician