





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

AC Recondition Repair Report

FolderID: 98111
FormID: 10445488

Riviana Foods
28 W. White Oak st
Brinkley, AR 72021

Priorities Found:  **3 - High**  **9 - Good**

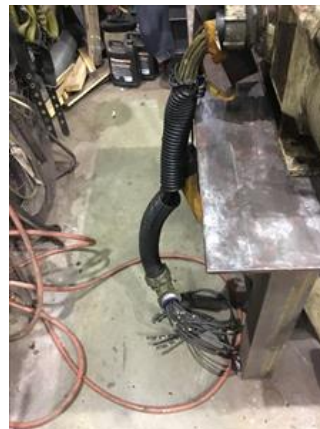
General

1. Job Number	98111
2. Report Date	04/16/2021
3. Customer	RIVIANA FOODS

Name Plate Information











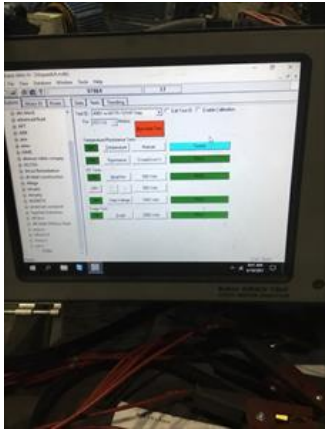
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


5. Model	7VN 286TTDN7010BA L
6. Serial Number	39588421
7. Horsepower	50
8. KW	
9. Volts	460
10. Amps	62
11. RPM	3570
12. Frame	286T
13. Enclosure	DP
14. Cycles	60

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15.	Phase	3	
16.	Service Factor	1.15	
17.	Motor Mount Position		
Initial Inspection			
18.	Number of Leads	12	
19.	Lead Length	55 Inches	
20.	Lead Size	8	
	21. Lead Condition	(P) Pass	P42
			
22.	Lead Markings	1-12	
23.	Lug Size, Condition, and Type		
24.	Winding RTD's	(NA) Not Applicable	
	25. Winding Rtd's Condition	(NA) Not Applicable	
26.	Shaft Run Out		
27.	Does Shaft Turn Freely	yes	
28.	Does Shaft Have Visible Damage	no	
29.	Bearing Rtd's	(NA) Not Applicable	
	30. Bearing Rtd's Condition	(NA) Not Applicable	
31.	Contamination		
	32. Frame Condition	(P) Pass	
	33. Fan Condition	(NA) Not Applicable	
34.	Broken or missing components		
Initial Electric Test			
35.	Resistance to Ground	29624 Mohm	
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	cast aluminum	
45. Air Gap <10% Variation		
46. Number of Rotor Bars		
47. Number of Broken Rotor Bars		
48. Growler Test		



Mechanical Inspection



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Start of fluting

51. Bearing DE Size

6311 2Z

52. Bearing DE Type

ball

P23



53. DE Bearing Qty.

1

54. Bearing ODE Size

6210 2Z

55. Bearing ODE Type

ball

56. ODE Bearing Qty.

1

57. Insulated Bearing

no

58. Lubrication Type

Grease






● 59. Grease Condition

(NA) Not Applicable

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60.	Bearing Retainers	(NA) Not Applicable	
61.	Shaft Grounding Device	(NA) Not Applicable	
62.	DE Seal	(NA) Not Applicable	
63.	DE Seal Type/Size		
64.	ODE Seal	(NA) Not Applicable	
65.	ODE Seal Type/Size		
Root Cause of Failure			
66.	Component Failure		
67.	Cause of Failure		
68.	Comments		
69.	Service Technician		
Machine Fit Inspection Report			
70.	Shaft Run Out		
71.	Initial Shaft Run Out		
72.	Final Shaft Run Out		
	73. DE Bearing Shaft Fit	(F) Fail	P39
<div style="display: flex; justify-content: space-around;">   </div>			
74.	DE Initial Shaft Bearing Fit Size 1	2.1645 "	
75.	DE Initial Shaft Bearing Fit Size 2	2.1645 "	
76.	DE Initial Shaft Bearing Fit Size 3	2.1645 "	
77.	DE Final Shaft Bearing Fit Size 1	2.166 "	P71
			
78.	DE Final Shaft Bearing Fit Size 2	2.166 "	
79.	DE Final Shaft Bearing Fit Size 3	2.1659 "	

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81. ODE Initial Shaft Bearing Fit Size 1

1.9499 "

82. ODE Initial Shaft Bearing Fit Size 2

1.9499 "

83. ODE Initial Shaft Bearing Fit Size 3

1.9499 "

84. ODE Finial Shaft Bearing Fit Size 1

1.969 "

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85. ODE Finial Shaft Bearing Fit Size 2

1.969 "

86. ODE Finial Shaft Bearing Fit Size 3

1.969 "

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

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94.	DE Initial Endbell Fit Size 1	4.7254 "
95.	DE Initial Endbell Fit Size 2	4.7254 "
96.	DE Initial Endbell Fit Size 3	4.7254 "
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	(NA) Not Applicable
101.	DE Endbell Air Seal Fit	
102.	Initial Endbell Air Seal Fit Size	
103.	Final Endbell Air Seal Fit Size	
104.	ODE Endbell Fit	(F) Fail

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105.	ODE Initial Endbell Fit Size 1	3.5463 "
106.	ODE Initial Endbell Fit Size 2	3.5463 "
107.	ODE Initial Endbell Fit Size 3	3.5463 "
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	
116.	Foot Condition	

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117. Flange Condition
118. Service Technician

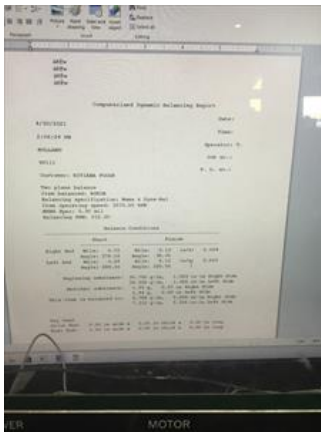
Balancing Report



119. Balance Type

nema standard

P6



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

Terrence Holland

Assembly and Final Test



127. Meggar Testing Reading Mohm
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 0.02 In/Sec
140. DE Vertical Vibration Reading 0.05 In/Sec
141. DE Axial Vibration Reading 0.04 In/Sec
142. ODE Horizontal Vibration Reading 0.05 In/Sec
143. ODE Vertical Vibration Reading 0.02 In/Sec
144. ODE Axial Vibration Reading 0.02 In/Sec

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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

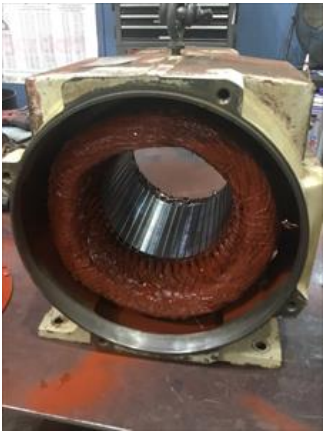
156. Temp at 55 minutes

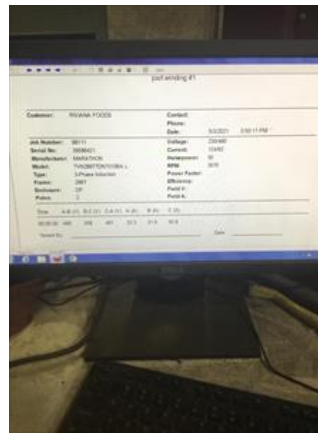
157. Temp at 60 minutes

158. Motor Paint

P136







159. Service Technician

Terrence. Holland

Terrence Holland