



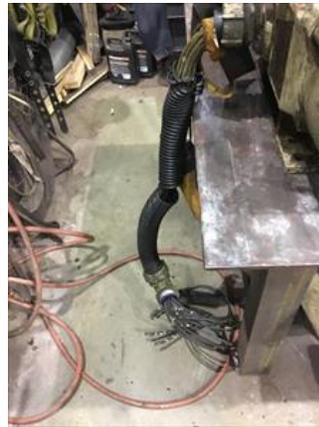
AC Recondition Repair Report

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 📷	

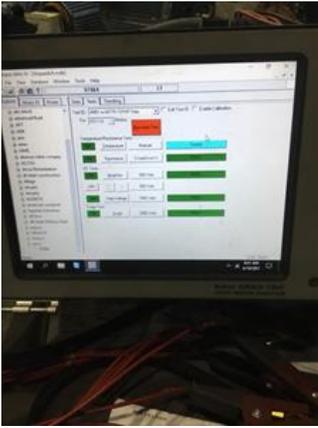


5. Model	7VN 286TTDN7010BA L
6. Serial Number	39588421
7. Horsepower	50
8. KW	
9. Volts	460
10. Amps	62
11. RPM	3570
12. Frame	286T
13. Enclosure	DP
14. Cycles	60

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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		

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Initial Rotor Inspection



cast aluminum



Mechanical Inspection



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50. Bearing Manufacture

SKF

P1



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

P74



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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	

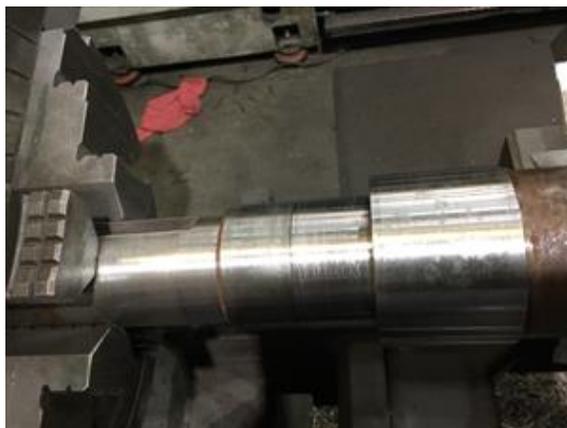
Machine Fit Inspection Report



70. Shaft Run Out		
71. Initial Shaft Run Out		
72. Final Shaft Run Out		
73. DE Bearing Shaft Fit	(F) Fail	P39



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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80. ODE Bearing Shaft Fit

(F) Fail

P93



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 "

P107



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	P145



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		

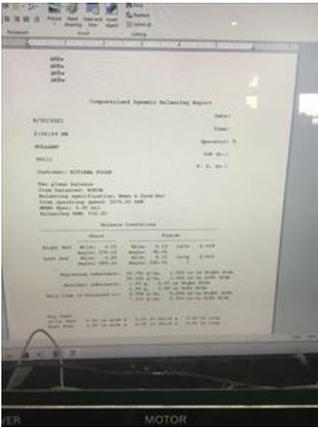
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- 117. Flange Condition
- 118. Service Technician

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

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

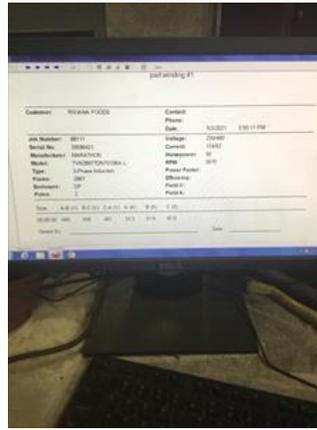
158. Motor Paint

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159. Service Technician

Terrence. Holland