



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

AC Recondition Repair Report

FolderID: 98013
FormID: 10291164

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

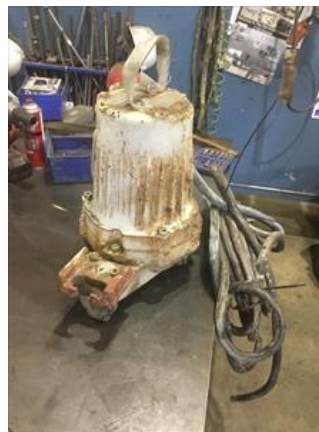
Priorities Found: ● 3 - High ● 12 - Good

General

1. Job Number	98013
2. Report Date	03/23/2021
3. Customer	RIVIANA FOODS

Name Plate Information

4. Manufacturer	FLYGT	P5
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








5. Model	3102.170-1170 263
6. Serial Number	3102 170-1170 263
7. Horsepower	6
8. KW	
9. Volts	460
10. Amps	7.5
11. RPM	3455
12. Frame	
13. Enclosure	SUMP PUMP
14. Cycles	60

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15.	Phase	3	
16.	Service Factor		
17.	Motor Mount Position		
Initial Inspection			
18.	Number of Leads		
19.	Lead Length		
20.	Lead Size		
● 21.	Lead Condition	(F) Fail	
22.	Lead Markings		
23.	Lug Size, Condition, and Type		
24.	Winding RTD's		
25.	Winding Rtd's Condition		
26.	Shaft Run Out	0.001	
27.	Does Shaft Turn Freely	no	
28.	Does Shaft Have Visible Damage	no	
29.	Bearing Rtd's		
30.	Bearing Rtd's Condition		
31.	Contamination <i>Water</i>		
● 32.	Frame Condition	(P) Pass	
● 33.	Fan Condition	(NA) Not Applicable	
34.	Broken or missing components		
Initial Electric Test			
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	(F) Fail	
42.	Stator Condition	pass	P65
			
43.	Failure Location	windings	
Initial Rotor Inspection			



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

P50

**Mechanical Inspection**

50. Bearing Manufacture

Skf

51. Bearing DE Size

3305A-2Z T N9/C3

P15



52. Bearing DE Type

double wide dbl row

P23



53. DE Bearing Qty.

1

54. Bearing ODE Size

6305 Z/C3

55. Bearing ODE Type

NSK

P53



56. ODE Bearing Qty.

1

57. Insulated Bearing

no

58. Lubrication Type

oil/grease

59. Grease Condition

(F) Fail

60. Bearing Retainers

(Y) Yes

61. Shaft Grounding Device

(NA) Not Applicable

62. DE Seal

(Y) Yes

63. DE Seal Type/Size

P90



- 64. ODE Seal
- 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	(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	0.9847 "
75.	DE Initial Shaft Bearing Fit Size 2	0.9846 "
76.	DE Initial Shaft Bearing Fit Size 3	0.9847 "
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	0.9844000000000001 "
82.	ODE Initial Shaft Bearing Fit Size 2	0.9844000000000001 "
83.	ODE Initial Shaft Bearing Fit Size 3	0.9844000000000001 "
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	2.4412 "
95.	DE Initial Endbell Fit Size 2	2.4411 "
96.	DE Initial Endbell Fit Size 3	2.4412 "
97.	DE Final Endbell Fit Size 1	

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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	2.4416 "
106.	ODE Initial Endbell Fit Size 2	2.4415 "
107.	ODE Initial Endbell Fit Size 3	2.4425 "
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	
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	
117.	Flange Condition	
118.	Service Technician	Terrence Holland



■ Replace power cord 31ft. Rewind stator. Seal kit. (Proprietary seals)

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

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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