



AC Recondition Repair Report

FolderID: 98164
FormID: 10558455

Riceland Foods (11100-RLF)

Hwy 79 & N. Park Ave.
Stuttgart, AR 72160

Priorities Found: ● 4 - High ● 16 - Good

General

1. Job Number	98164
2. Report Date	05/03/2021
3. Customer	RICELAND FOODS STUTTGART

Name Plate Information

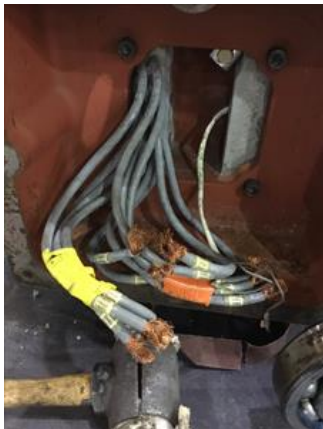
4. Manufacturer	WEG
5. Model	30018XT30449T
6. Serial Number	17NOV20151030405430
7. Horsepower	300
8. KW	
9. Volts	460
10. Amps	334
11. RPM	1785
12. Frame	449T
13. Enclosure	TEFC-XP
14. Cycles	60
15. Phase	3
16. Service Factor	1.15
17. Motor Mount Position	

Initial Inspection



18. Number of Leads	12
19. Lead Length	16 Inches
20. Lead Size	2
● 21. Lead Condition	(P) Pass

P42



22. Lead Markings	1-12
-------------------	------

Hi-Speed Industrial Service disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Hi-Speed. Hi-Speed shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

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	yes
28. Does Shaft Have Visible Damage	no
29. Bearing Rtd's	
30. Bearing Rtd's Condition	
31. Contamination	

● 32. Frame Condition	(P) Pass	P106
-----------------------	----------	------



● 33. Fan Condition	(P) Pass	P109
---------------------	----------	------







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	(P) Pass
42. Stator Condition	pass
43. Failure Location	

Initial Rotor Inspection

Hi-Speed Industrial Service disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Hi-Speed. Hi-Speed shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

44.	Rotor Type	cast aluminum	
45.	Air Gap <10% Variation		
46.	Number of Rotor Bars	40	
47.	Number of Broken Rotor Bars	0	
<div><div></div></div> 48.	Growler Test	(P) Pass	
<div><div></div></div> 49.	Rotor Condition	(P) Pass	
Mechanical Inspection		<div><div></div></div>	
50.	Bearing Manufacture	ntn	
51.	Bearing DE Size	6322 c3	P15
<div><div></div><div></div></div>			
52.	Bearing DE Type	ball	
53.	DE Bearing Qty.	1	
54.	Bearing ODE Size	6319 c3	P43
<div><div></div><div></div></div>			
55.	Bearing ODE Type	ball	
56.	ODE Bearing Qty.	1	
57.	Insulated Bearing	no	
58.	Lubrication Type	grease	
<div><div></div></div> 59.	Grease Condition	(F) Fail	

60. Bearing Retainers

(Y) Yes

P80



61. Shaft Grounding Device

(N) No

62. DE Seal

(Y) Yes

P86



63. DE Seal Type/Size

6336 viton
5.5125x4.8750x0.5250

64. ODE Seal

(Y) Yes

P95



65. ODE Seal Type/Size

viton 4.1730x4.5250x0.5250

Root Cause of Failure

66. Component Failure

bearings

67. Cause of Failure

68. Comments

Hi-Speed Industrial Service disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Hi-Speed. Hi-Speed shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.



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	4.3315 "
75.	DE Initial Shaft Bearing Fit Size 2	4.3316 "
76.	DE Initial Shaft Bearing Fit Size 3	4.3316 "
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	3.7407 "
82.	ODE Initial Shaft Bearing Fit Size 2	3.7407 "
83.	ODE Initial Shaft Bearing Fit Size 3	3.7406 "
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	9.4495 "
95.	DE Initial Endbell Fit Size 2	9.4496 "
96.	DE Initial Endbell Fit Size 3	9.4496 "
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	(N) No
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	7.8748 "
106.	ODE Initial Endbell Fit Size 2	7.8747 "
107.	ODE Initial Endbell Fit Size 3	7.8747 "
108.	ODE Final Endbell Fit Size 1	
109.	ODE Final Endbell Fit Size 2	
110.	ODE Final Endbell Fit Size 3	

Hi-Speed Industrial Service disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Hi-Speed. Hi-Speed shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

●	111. ODE Endbell Fit Insulated	(N) No
	112. ODE Endbell Air Seal Fit	
	113. ODE Initial Endbell Seal Fit Size	
	114. ODE Finial Endbell Seal Fit Size	
●	115. Foot Flatness	(P) Pass
●	116. Foot Condition	(P) Pass
	117. Flange Condition	
	118. Service Technician	
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	
	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	

Hi-Speed Industrial Service disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Hi-Speed. Hi-Speed shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

157. Temp at 60 minutes
158. Motor Paint
159. Service Technician