



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

AC Recondition Repair Report

FolderID: 99373
FormID: 12802965

Peco Foods

625 S. Allen Street
Batesville, AR 72501

Priorities Found: ● 1 - High ● 9 - Good

General

1. Job Number	99373
2. Report Date	02/10/2022
3. Customer	PECO Foods Batesville

Name Plate Information

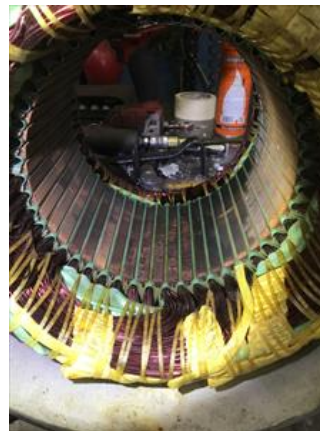


4. Manufacturer	US Motors	P5
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



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5. Model	UJ15P2DM FK49
6. Serial Number	Z 08 7699473-0025 M 0002
7. Horsepower	15
8. KW	
9. Volts	460 Volts
10. Amps	18.4
11. RPM	1775
12. Frame	254JM
13. Enclosure	TEFC
14. Cycles	60
15. Phase	3

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16.	Service Factor	1.25	
17.	Motor Mount Position		
Initial Inspection			
18.	Number of Leads	12	
19.	Lead Length	8 Inches	
20.	Lead Size		
● 21.	Lead Condition	(P) Pass	
22.	Lead Markings	1-12	
23.	Lug Size, Condition, and Type		
24.	Winding RTD's		
25.	Winding Rtd's Condition		
26.	Shaft Run Out		
27.	Does Shaft Turn Freely	no	
28.	Does Shaft Have Visible Damage		
29.	Bearing Rtd's		
30.	Bearing Rtd's Condition		
31.	Contamination <i>Water</i>		
32.	Frame Condition		P106
			
● 33.	Fan Condition	(P) Pass	P109
			
34.	Broken or missing components		
Initial Electric Test			
35.	Resistance to Ground		

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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	P58
			
42.	Stator Condition	good	
43.	Failure Location	pump impeller	
Initial Rotor Inspection			
44.	Rotor Type	squirrel cage laminate	
45.	Air Gap <10% Variation		
46.	Number of Rotor Bars	0	
47.	Number of Broken Rotor Bars	0	
48.	Growler Test	(P) Pass	
49.	Rotor Condition	(P) Pass	
Mechanical Inspection			
50.	Bearing Manufacture	skf	
51.	Bearing DE Size	6310	P15
 			
52.	Bearing DE Type	regular ball bearing	
53.	DE Bearing Qty.	1	

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55. Bearing ODE Type **regular ball bearing**

56. ODE Bearing Qty. **1**

57. Insulated Bearing **no**

58. Lubrication Type **grease**

● 59. Grease Condition **(F) Fail**

■ *Water contaminated*

● 60. Bearing Retainers **(Y) Yes**

P80




61. Shaft Grounding Device **(NA) Not Applicable**

● 62. DE Seal **(Y) Yes**

63. DE Seal Type/Size **dust seal worn**

P90



64.	ODE Seal	
65.	ODE Seal Type/Size	
Root Cause of Failure		
66.	Component Failure	seal/impeller
67.	Cause of Failure <i>Worn</i>	
68.	Comments	
69.	Service Technician	Terrence. Holland
		
Machine Fit Inspection Report		
70.	Shaft Run Out	
71.	Initial Shaft Run Out	"
72.	Final Shaft Run Out	
73.	DE Bearing Shaft Fit	(P) Pass
74.	DE Initial Shaft Bearing Fit Size 1	1.969 "
75.	DE Initial Shaft Bearing Fit Size 2	1.9691 "
76.	DE Initial Shaft Bearing Fit Size 3	1.9691 "
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	"
82.	ODE Initial Shaft Bearing Fit Size 2	
83.	ODE Initial Shaft Bearing Fit Size 3	
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	
94.	DE Initial Endbell Fit Size 1	
95.	DE Initial Endbell Fit Size 2	
96.	DE Initial Endbell Fit Size 3	
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	

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104. ODE Endbell Fit
105. ODE Initial Endbell Fit Size 1
106. ODE Initial Endbell Fit Size 2
107. ODE Initial Endbell Fit Size 3
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 Final Endbell Seal Fit Size
115. Foot Flatness
116. Foot Condition
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

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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