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

AC Recondition Repair Report

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Riceland Foods (11100-RLF)
Hwy 79 & N. Park Ave.
Stuttgart, AR 72160

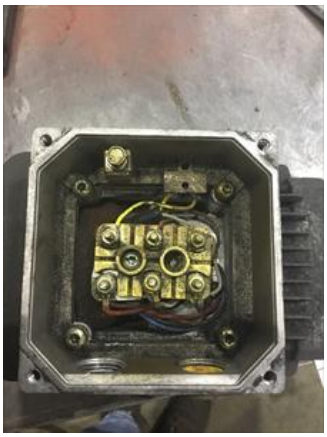
Priorities Found: **2 - High** **9 - Good**

General

1.	Job Number	**97766**	
2.	Report Date		
3.	Customer	**RICELAND**	

Name Plate Information

4.	Manufacturer	**SEW**	P5



5.	Model	
6.	Serial Number	
7.	Horsepower	**.75**
8.	KW	
9.	Volts	**Volts**
10.	Amps	**Amps**
11.	RPM	
	300-1800	
12.	Frame	
13.	Enclosure	**TEFC**
14.	Cycles	**60**

	15.	Phase	**3**	
	16.	Service Factor		
	17.	Motor Mount Position		
Initial Inspection				
	18.	Number of Leads	**9**	
	19.	Lead Length	**6 Inches**	
	20.	Lead Size		
●	21.	Lead Condition	**(P) Pass**	
	22.	Lead Markings		
	23.	Lug Size, Condition, and Type		
	24.	Winding RTD's		
	25.	Winding Rtd's Condition		
	26.	Shaft Run Out		
	27.	Does Shaft Turn Freely	**yes**	
	28.	Does Shaft Have Visible Damage	**yes**	
		Small burs		
	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	**(P) Pass**	P109

	34.	Broken or missing components		
		Key for D.E gear missing. Fan assembly melted.		
Initial Electric Test				
	35.	Resistance to Ground	**Mohm**	
	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	**good**	
	43.	Failure Location	**windings**	
Initial Rotor Inspection				
	44.	Rotor Type	**squirrel cage**	
	45.	Air Gap <10% Variation		

	46.	Number of Rotor Bars	**0**
	47.	Number of Broken Rotor Bars	**0**
	48.	Growler Test	
●	49.	Rotor Condition	**(P) Pass**

Mechanical Inspection

	50.	Bearing Manufacture	**FAG**
	51.	Bearing DE Size	**6303 2Z/C3**
	52.	Bearing DE Type	**regular ball bearing**
	53.	DE Bearing Qty.	**1**
	54.	Bearing ODE Size	**6202 2Z/C3**
	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**
		Burned	
	60.	Bearing Retainers	**(NA) Not Applicable**
	61.	Shaft Grounding Device	**(NA) Not Applicable**
●	62.	DE Seal	**(Y) Yes**
	63.	DE Seal Type/Size	**TSS 16*28*7**
●	64.	ODE Seal	**(Y) Yes**
	65.	ODE Seal Type/Size	**17*30*7**

Root Cause of Failure

	66.	Component Failure	
	67.	Cause of Failure	
	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	**0.6697 "**
	75.	DE Initial Shaft Bearing Fit Size 2	**0.6695 "**
	76.	DE Initial Shaft Bearing Fit Size 3	**0.6695 "**
	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	**0.6697 "**
	82.	ODE Initial Shaft Bearing Fit Size 2	**0.6698 "**
	83.	ODE Initial Shaft Bearing Fit Size 3	**0.6698 "**
	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		
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 Finial Endbell Seal Fit Size		
115.	Foot Flatness	**(NA) Not Applicable**	
116.	Foot Condition	**(NA) Not Applicable**	
117.	Flange Condition	**(P) Pass**	P158

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