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

AC Recondition Repair Report

FolderID: 97414
FormID: 9086774

Delta Plastics (11016)
8801 Frazier Pike
Little Rock, AR 72206

Priorities Found: **3 - High** **5 - Good**

General				
	1.	Job Number	**97414**	
	2.	Report Date		
	3.	Customer	**DELTA PLASTICS LR**	
Name Plate Information				
	4.	Manufacturer	**BALDOR**	
	5.	Model		
	6.	Serial Number	**B9126122-020001 JQ**	
	7.	Horsepower	**150 HP**	
	8.	KW		
	9.	Volts	**460 Volts**	
	10.	Amps	**180**	
	11.	RPM	**1750**	
	12.	Frame	**URL2882Z**	P12
	13.	Enclosure	**DP**	P13
	14.	Cycles	**60**	
	15.	Phase	**3**	
	16.	Service Factor	**1.0**	
	17.	Motor Mount Position		
Initial Inspection				
	18.	Number of Leads	**6**	P18
	19.	Lead Length	**12 Inches**	
	20.	Lead Size		
●	21.	Lead Condition	**(P) Pass**	
	22.	Lead Markings	**1,2,3**	
	23.	Lug Size, Condition, and Type ***N/a***		
	24.	Winding RTD's		
	25.	Winding Rtd's Condition		
	26.	Shaft Run Out		
	27.	Does Shaft Turn Freely	**no**	P27
	28.	Does Shaft Have Visible Damage	**yes**	P28
	29.	Bearing Rtd's		
	30.	Bearing Rtd's Condition		
	31.	Contamination ***Yes***		P31
●	32.	Frame Condition	**(P) Pass**	

	33.	Fan Condition	**(NA) Not Applicable**	
	34.	Broken or missing components ***None***		
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**	P41
	42.	Stator Condition		
	43.	Failure Location		P43
Initial Rotor Inspection				
	44.	Rotor Type	**squirrel cage**	P44
	45.	Air Gap <10% Variation		
	46.	Number of Rotor Bars		
	47.	Number of Broken Rotor Bars		
	48.	Growler Test		
	49.	Rotor Condition	**(P) Pass**	P49
Mechanical Inspection				
	50.	Bearing Manufacture	**nachi**	
	51.	Bearing DE Size	**nu215/C3**	P51
	52.	Bearing DE Type		
	53.	DE Bearing Qty.		
	54.	Bearing ODE Size	**6211/C3**	P54
	55.	Bearing ODE Type	**ball bearing**	
	56.	ODE Bearing Qty.	**1**	
	57.	Insulated Bearing	**no**	
	58.	Lubrication Type	**polyrex**	
	59.	Grease Condition	**(F) Fail**	P59
	60.	Bearing Retainers	**(Y) Yes**	P60
	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	**D.e. bearing**	
	67.	Cause of Failure ***Lack of lubricant in D.E bearing caused excessive failure and contaminated grease in the O.d.e bearing contributed to premature failure of the bearings and is responsible for bearing pieces embedded in the motor windings.***		
	68.	Comments		

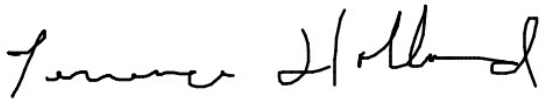
69.	Service Technician	**Terrence. Holland**	

Machine Fit Inspection Report

70.	Shaft Run Out		
71.	Initial Shaft Run Out		
72.	Final Shaft Run Out		
73.	DE Bearing Shaft Fit	**(F) Fail**	P73
74.	DE Initial Shaft Bearing Fit Size 1	**"**	
75.	DE Initial Shaft Bearing Fit Size 2		
76.	DE Initial Shaft Bearing Fit Size 3		
77.	DE Finial Shaft Bearing Fit Size 1	**2.9537 "**	P77
	Belzona shaft fit		
78.	DE Finial Shaft Bearing Fit Size 2	**2.9537 "**	
79.	DE Finial Shaft Bearing Fit Size 3	**2.9538 "**	
80.	ODE Bearing Shaft Fit		
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		
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		
116.	Foot Condition		
117.	Flange Condition		
118.	Service Technician		
Balancing Report			
119.	Balance Type		P119
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	**460 Volts**	P133
134.	Test Run Amps A	**44.9 Amps**	
135.	Test Run Voltage Phase B	**460 Volts**	
136.	Test Run Amps B	**44.1 Amps**	
137.	Test Run Voltage Phase C	**462 Volts**	
138.	Test Run Amps C	**44 Amps**	
139.	DE Horizontal Vibration Reading	**0.03 In/Sec**	P139
140.	DE Vertical Vibration Reading	**0.05 In/Sec**	
141.	DE Axial Vibration Reading	**0.06 In/Sec**	
142.	ODE Horizontal Vibration Reading	**0.06 In/Sec**	
143.	ODE Vertical Vibration Reading	**0.02 In/Sec**	
144.	ODE Axial Vibration Reading	**0.05 In/Sec**	
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	**(P) Pass**	P158
	159. Service Technician	**Terrence Holland**	



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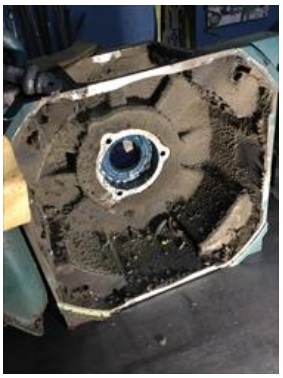

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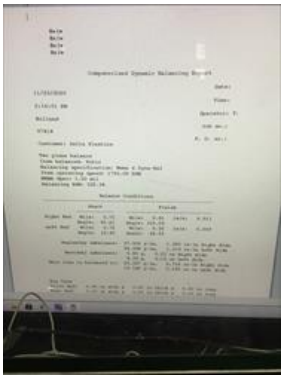

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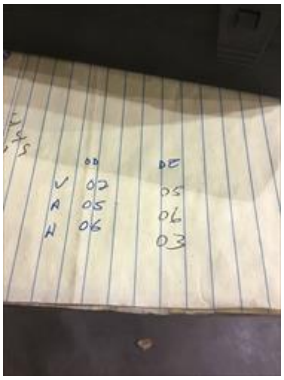

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