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— EVERY DAY SINCE 1946 —

Motor Shop Repairs

**Job Number 97414**

Prepared for Delta Plastics (11016)

8801 Frazier Pike  
Little Rock AR 72206

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AC Recondition Repair Report

1.0

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## AC Recondition Repair Report

FolderID: 97414  
FormID: 9086774

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

Priorities Found: ● 2 - High ● 4 - 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	
8. KW		
9. Volts	460	
10. Amps	180	
11. RPM	1750	
12. Frame	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		
<span style="color: green;">●</span> 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		

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31. Contamination Yes		P31
32. Frame Condition	(P) Pass	
33. Fan Condition	(NA) Not Applicable	
34. Broken or missing components None		
<b>Initial Electric Test</b>		
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	(NA) Not Applicable	P41
42. Stator Condition		
43. Failure Location		P43
<b>Initial Rotor Inspection</b>		
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
<b>Mechanical Inspection</b>		
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		
<b>Root Cause of Failure</b>		
66. Component Failure	D.e. bearing	
67. Cause of Failure Lack of lubricant		
68. Comments		



## 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		
78. DE Finial Shaft Bearing Fit Size 2		
79. DE Finial Shaft Bearing Fit Size 3		
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		

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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
<b>Balancing Report</b>
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
<b>Assembly and Final Test</b>
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

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156. Temp at 55 minutes
157. Temp at 60 minutes
158. Motor Paint
159. Service Technician



P12.1



P13.2



P13.3



P18.4



P27.5



P28.6



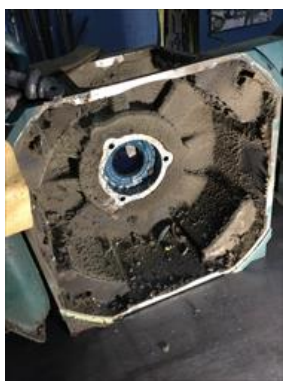
P28.7



P31.8



P31.9



P31.10



P41.11



P43.12





P43.13



P43.14



P44.15



P44.16



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P60.26



P73.27





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1. **APPLICABILITY.** The sale of any and all goods and/or services by Mock, Inc. d/b/a Hi-Speed Industrial Service ("Hi-Speed") shall be specifically conditioned upon and subject to the following terms and conditions which are incorporated by reference into any contracts and purchase orders with Hi-Speed, and which shall form and become a part of any agreement related thereto. Buyer's acceptance of any offer or quotation made by Hi-Speed for sale of any goods or services is expressly made subject to the terms and conditions set forth herein and to be so effective, Buyer need not sign or approve these Terms and Conditions to be bound hereunder provided a copy of same is provided to Buyer through any means. None of the terms and conditions contained herein may be added to, expanded, changed, modified, superseded or otherwise altered except as revised in writing and duly executed by Hi-Speed, and all orders received by Hi-Speed shall be governed only by the terms and conditions contained herein, notwithstanding any terms, conditions or provisions of any purchase order, release order, authorization or any other form issued by the Buyer. Hi-Speed hereby objects to any additional, modified, changed, deleted, altered or other terms and conditions not contained herein and notifies Buyer that any such terms or provisions are expressly rejected by Hi-Speed.
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6. **DELIVERY SITE AND TIME FOR PERFORMANCE.** Hi-Speed and Buyer agree that time is of the essence for the purchase order and that Buyer shall fully cooperate with Hi-Speed in order to allow Hi-Speed full access to prosecute its work diligently and in an orderly manner. Buyer shall assist Hi-Speed in every way possible to avoid delaying, disrupting or interfering with the progress of Hi-Speed's work at the project site. In the event Hi-Speed's work is delayed, hindered, suspended, disrupted, re-sequenced or interfered with or rendered less efficient or more costly or adversely affected in any way as a result of acts or omissions of Buyer or other contractors or employees of Buyer or by any other reason beyond Hi-Speed's control and without the fault of Hi-Speed, then, in such event, Buyer shall be liable to Hi-Speed for any damages, additional costs, expenses, labor, materials, man hours, acceleration costs, overtime, additional jobsite overhead, extended home office overhead, and any and all other direct and indirect expenses of whatsoever nature or kind, caused in whole or in part, as a result of any of the above-referenced occurrences. Hi-Speed's project records will be the basis for computing the additional costs and damages of Hi-Speed's labor, materials, expenses and overhead related to such changes. BUYER WARRANTS THAT THE SITE FOR DELIVERY OR INSTALLATION OF ANY GOODS AND/OR FOR THE PERFORMANCE OF ANY SERVICES SHALL BE READY AND ADEQUATE FOR HI-SPEED'S DELIVERY OF GOODS AND/OR PERFORMANCE OF SERVICES AND THAT HI-SPEED SHALL HAVE FULL ACCESS THERETO, FREE OF ALL OBSTRUCTIONS. BUYER SHALL ASSUME ALL EXTRA COSTS ASSOCIATED WITH HI-SPEED'S INABILITY TO INSTALL ANY GOODS OR PERFORM ANY SERVICES AS A RESULT OF BUYER'S FAILURE TO COMPLY WITH THIS PROVISION. HI-SPEED MAY NOT INSPECT THE SITE PRIOR TO DELIVERY AND/OR INSTALLATION OF GOODS AND/OR PERFORMANCE OF SERVICES AND MAKES NO WARRANTY AS TO THE SUFFICIENCY OF THE SITE FOR THE DELIVERY AND/OR INSTALLATION OF GOODS AND/OR THE PERFORMANCE OF SERVICES AT SUCH SITE.
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14. **NONWAIVER.** No course of dealing or failure of either party to strictly enforce any term, right, or condition of these Standard Terms and Conditions will be construed as a waiver of such term, right or condition. Any waiver by Hi-Speed will only be in writing and will waive no succeeding breach of a term, right or condition.
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