

Motor Shop Repairs

Job Number 98333

Prepared for Delta Plastics (11016)

8801 Frazier Pike Little Rock AR 72206

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AC Recondition Repair Report

Delta Plastics (11016) 8801 Frazier Pike

Little Rock, AR 72206

gh 🔵 13 - Good

Priorities Found: a 2 - High	
General	

98333	Job Number	1. Job Number	1.
6/15/2021	Report Date	2. Report Dat	2.

. Customer DELTA PLASTICS SOUTH

Name Plate Information

4. Manufacturer BALDOR





























5.	Model	L0234A	
6.	Serial Number	GG164620005	
7.	Horsepower	150	
8.	KW		
9.	Volts	460	
10.	Amps	180	
11.	RPM	1755	
12.	Frame	URL2882Z	
13.	Enclosure	DP6-FV	
14.	Cycles	60	
15.	Phase	3	
16.	Service Factor	1.0	
17.	Motor Mount Position		
Initial	Inspection		
18.	Number of Leads	6	

19. Lead Length 14 Inches



20.	Lead Size	
2 1.	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	no
29.	Bearing Rtd's	
30.	Bearing Rtd's Condition	
31.	Contamination	
	Dust and plastic beads	



	32.	Frame Condition	(P) Pass
	33.	Fan Condition	(NA) Not Applicable
	34.	Broken or missing components	
		Na	
Ir	nitial	Electric Test	
	35.	Resistance to Ground	
	36.	Winding Resistance 1-2	
	37.	Winding Resistance 2-3	

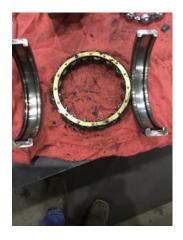
38. Winding Resistance 1-3
39. Resistive Imbalance
40. Hi-Pot

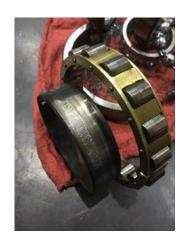
41. Surge Test

(P) Pass



42.	Stator Condition	pass
43.	Failure Location	
Initial	Rotor Inspection	
44.	Rotor Type	cast aluminum
45.	Air Gap <10% Variation	
46.	Number of Rotor Bars	
47.	Number of Broken Rotor Bars	0
48.	Growler Test	(P) Pass
4 9.	Rotor Condition	(P) Pass
Mecha	anical Inspection	
50.	Bearing Manufacture	FAG
51.	Bearing DE Size	215







53. DE Bearing Qty.	1
54. Bearing ODE Size	6211
55. Bearing ODE Type	ball





56.	ODE Bearing Qty.	1
57.	Insulated Bearing	na
58.	Lubrication Type	grease
59.	Grease Condition	(F) Fail
60.	Bearing Retainers	(Y) Yes



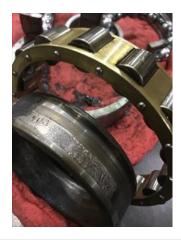
61. Shaft Grounding Device

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

DE bearing seat on shaft and DE bearing



67. Cause of Failure
Wear

68. Comments

Recommend reconditioning and machine work on DE shaft bearing seat and aegis ring

69. Service Technician

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





74. DE Initial Shaft Bearing Fit Size 1	2.9528 "
75. DE Initial Shaft Bearing Fit Size 2	2.9524 "
76. DE Initial Shaft Bearing Fit Size 3	2.9534 "
77. DE Finial Shaft Bearing Fit Size 1	
78. DE Finial Shaft Bearing Fit Size 2	

		DE Finial Shaft Bearing Fit Size 3	
	80.	ODE Bearing Shaft Fit	(P) Pass
	81.	ODE Initial Shaft Bearing Fit Size 1	2.166 "
	82.	ODE Initial Shaft Bearing Fit Size 2	2.1659 "
	83.	ODE Initial Shaft Bearing Fit Size 3	2.166 "
	84.	ODE Finial Shaft Bearing Fit Size 1	
	85.	ODE Finial Shaft Bearing Fit Size 2	
		ODE Finial Shaft Bearing Fit Size 3	
		DE Air Seal Shaft Fit	
		DE Initial Air Seal Shaft Size	
		DE Final Air Seal Shaft Size	
		ODE Air Seal Shaft Fit	
		ODE Initial Air Seal Shaft Size	
		ODE Final Air Seal Shaft Size	
			(D) Doop
		DE Endbell Fit DE Initial Endbell Fit Size 1	(P) Pass
	-		5.1191 "
		DE Initial Endbell Fit Size 2	5.1192 "
		DE Initial Endbell Fit Size 3	5.1191 "
		DE Final Endbell Fit Size 1	
		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	(P) Pass
	105.	ODE Initial Endbell Fit Size 1	3.9379 "
	106.	ODE Initial Endbell Fit Size 2	3.9378 "
	107.	ODE Initial Endbell Fit Size 3	3.938 "
	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	
		ODE Endbell Air Seal Fit	
		ODE Initial Endbell Seal Fit Size	
		ODE Finial Endbell Seal Fit Size	
		Foot Flatness	(P) Pass
		Foot Condition	(P) Pass
		Flange Condition	(NA) Not Applicable
		Service Technician	(177) Hot Applicable
D			
D		cing Report	
		Balance Type	
		Balance Operating Speed	
		Start Left End	
		Start Right End	
		Balancing Specification	
	124.	Finish Left End	

126. S Assemb	inish Right End Service Technician Self and Final Test Meggar Testing Reading
127. M	leggar Testing Reading
127. M	leggar Testing Reading
	surge Test
129. H	
130. W	Vinding Resistance 1-2
131. W	Vinding Resistance 2-3
	Vinding Resistance 1-3
133. To	est Run Voltage Phase A
134. To	est Run Amps A
135. To	est Run Voltage Phase B
136. To	est Run Amps B
137. To	est Run Voltage Phase C
138. To	est Run Amps C
139. D	E Horizontal Vibration Reading
140. D	E Vertical Vibration Reading
141. D	E Axial Vibration Reading
142. O	DE Horizontal Vibration Reading
143. O	DE Vertical Vibration Reading
144. O	DE Axial Vibration Reading
145. A	mbient Temp at start of Test Run
146. To	emp at 5 minutes
147. To	emp at 10 minutes
148. To	emp at 15 minutes
149. To	emp at 20 minutes
150. To	emp at 25 minutes
151. To	emp at 30 minutes
152. To	emp at 35 minutes
153. To	emp at 40 minutes
154. To	emp at 45 minutes
	emp at 50 minutes
156. To	emp at 55 minutes
157. To	emp at 60 minutes
	Notor Paint
159. S	ervice Technician

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- 5. <u>DELIVERY OF GOODS AND/OR SERVICES.</u> Unless otherwise identified in the quotation, all shipments are F.O.B. Hi-Speed's warehouse and the title to and all risk of loss with respect to any goods shipped shall pass to Buyer when such goods are delivered to the carrier at Hi-Speed's warehouse. Hi-Speed will use its best efforts to affect delivery by the date or dates specified in the quotation. However, Hi-Speed shall not be liable for delay in or failure to make shipment, or to perform services, by any identified date for any reason whatsoever, including but not limited to, causes beyond its reasonable control, such as strikes, fires, floods, epidemics, quarantines, restrictions, severe weather, embargos, acts of God, or public enemy, war, riot, delays in transportation or the inability to obtain necessary labor, materials or manufacturing facilities.
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- 8. <u>WARRANTIES.</u> Hi-Speed warrants that all goods shall conform in all material aspects to the goods identified in the quotation to Buyer and/or purchase order, and Hi-Speed makes to Buyer the manufacturer's express warranty for any goods sold to Buyer, which is offered by the manufacturer at the time of acceptance of any quotation by Buyer. This warranty is conditioned upon the installation, operation, and maintenance of the goods in accordance with the manufacturer's recommendations and/or standard industry practice and the goods at all times being operated or used under normal operating conditions for which they were designed. Hi-Speed, at its sole option, will repair or

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- 13. FORCE MAJEURE. Neither party shall be responsible for any delay or failure in performance of any party of the quotation, purchase order or these Standard Terms and Conditions to the extent that such delays or failures are caused by fire, flood, earth quake, explosion, war, embargo, government requirement, civil or military authority, acts of God, or any other circumstances beyond its reasonable control and not involving any fault or negligence on the party affected ("Condition"). If any such Condition occurs, the party delayed or unable to perform shall promptly give written notice to the other party and, if such Condition remains at the end of thirty (30) days, the party affected by the other party's delay and inability to perform may elect to (i) terminate such order or part thereof, or (ii) suspend the order for the duration of the Condition, if the Buyer is the suspending party, buy elsewhere comparable material to be sold under the order and apply to any commitment the purchase price of such purchase, and resume performance of the order once the Condition ceases, with an option in the affected party to extend the period of this order up to the length of the time the Condition endures.
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