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

AC Recondition Repair Report

FolderID: 97683
FormID: 9667667

Welspun Tubular (11685)
9301 Frazier Pike
Little Rock, AR 72206

Performed By: Motor Shop LR 3

Priorities Found: **2 - Good**

General		
1.	Job Number	**97683**
2.	Report Date	
3.	Customer	**WELSPUN**
Name Plate Information		
4.	Manufacturer	**BALDOR**
5.	Model	
6.	Serial Number	**C0806220018**
7.	Horsepower	**50 HP**
8.	KW	**KW**
9.	Volts	**460 Volts**
10.	Amps	**Amps**
11.	RPM	**1775 RPM**
12.	Frame	
13.	Enclosure	
14.	Cycles	**60 HZ**
15.	Phase	**3 PH**
16.	Service Factor	**1.0**
17.	Motor Mount Position	
Initial Inspection		
18.	Number of Leads	
19.	Lead Length	
20.	Lead Size	
21.	Lead Condition	
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	
28.	Does Shaft Have Visible Damage	
29.	Bearing Rtd's	
30.	Bearing Rtd's Condition	
31.	Contamination	
32.	Frame Condition	
33.	Fan Condition	
34.	Broken or missing components	
Initial Electric Test		

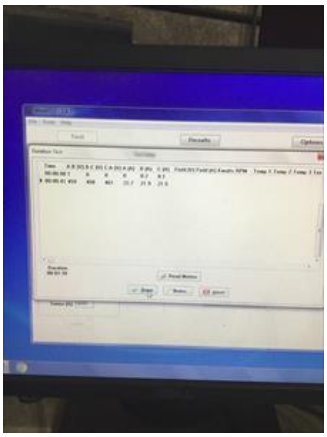
35.	Resistance to Ground
36.	Winding Resistance 1-2
37.	Winding Resistance 2-3
38.	Winding Resistance 1-3
39.	Resistive Imbalance
40.	Hi-Pot
41.	Surge Test
42.	Stator Condition
43.	Failure Location
Initial Rotor Inspection	
44.	Rotor Type
45.	Air Gap <10% Variation
46.	Number of Rotor Bars
47.	Number of Broken Rotor Bars
48.	Growler Test
49.	Rotor Condition
Mechanical Inspection	
50.	Bearing Manufacture
51.	Bearing DE Size
52.	Bearing DE Type
53.	DE Bearing Qty.
54.	Bearing ODE Size
55.	Bearing ODE Type
56.	ODE Bearing Qty.
57.	Insulated Bearing
58.	Lubrication Type
59.	Grease Condition
60.	Bearing Retainers
61.	Shaft Grounding Device
62.	DE Seal
63.	DE Seal Type/Size
64.	ODE Seal
65.	ODE Seal Type/Size
Root Cause of Failure	
66.	Component Failure
67.	Cause of Failure
68.	Comments
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
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

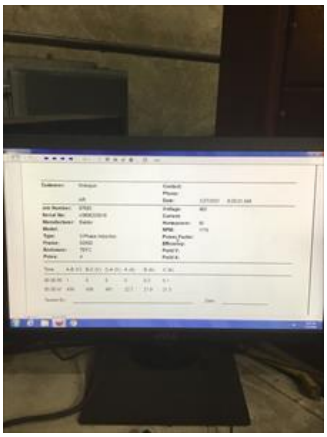
79.	DE Finial Shaft Bearing Fit Size 3
80.	ODE Bearing Shaft Fit
81.	ODE Initial Shaft Bearing Fit Size 1
82.	ODE Initial Shaft Bearing Fit Size 2
83.	ODE Initial Shaft Bearing Fit Size 3
84.	ODE Finial Shaft Bearing Fit Size 1
85.	ODE Finial Shaft Bearing Fit Size 2
86.	ODE Finial Shaft Bearing Fit 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
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
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	**1000 Mohm**	
●	128. Surge Test	**(P) Pass**	
	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	**(P) Pass**	P136





159. Service Technician **Terrence Holland**