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Split Case Centrifugal Pump Report SAF Holland USA, Inc. (10455) P O Box 825

Dumas, AR 71639

Split Case Cer	ntrifugal Pump Report	Make:	HISCO		
Location:	MOTOR SHOP LR	Model:	302?0		
Serial Number:	1020073	Serial Number:	1020073		
Description: HISCO PUMP MODEL 302?0		RPM:	1765		
Priorities Found:	1 - Good				
General					
1. Job Nur	mber				

Report Date 2.

3. Customer

Initial Inspection







5. Impeller Condition

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6.	Wear Ring Condition
7.	Wear Ring Material
8.	Seal Surfaces Condition
9.	Number of Seals
10.	Seal Type
11.	Seal Material on Rotary Face
12.	Seal Material on Stationary Seat
13.	Mechanical Seal ID/Shaft Diameter
14.	Mechanical Seal OD
15.	Mechanical Seal Length
16.	Lip Seal Elastic Material
17.	Lip Seal ID/Shaft Diameter
18.	Lip Seal OD/Bore Diameter
19.	Lip Seal Height
20.	Seal Sleeve Material
21.	Seal Plate Condition
22.	Seal Cavity
23.	Shaft Run Out
24.	Does Shaft Turn Freely
25.	Does Shaft Have Visible Damage
26.	Contamination
27.	Frame Condition

28. Fan Condition

29.	29. Broken or missing components			
Mechanical Inspection				
30.	Bearing Manufacture			
31.	Bearing DE Size			
32.	Bearing DE Type			
33.	DE Bearing Qty.			
34.	Bearing ODE Size			
35.	Bearing ODE Type			
36.	ODE Bearing Qty.			
37.	Insulated Bearing			
38.	Lubrication Type			
39.	Grease Condition			
40.	Bearing Retainers			
41.	Shaft Grounding Device			
42.	DE Seal			
43.	DE Seal Type/Size			
44.	ODE Seal			
45.	ODE Seal Type/Size			
46.	Wear Ring Size			
47.	Clearances on Wear Ring to Impe	eller		
48.	Number of Wear Rings			
49.	Wear Ring Material			
Root C	Cause of Failure			
50.	Component Failure			
51.	Cause of Failure			
52.	Comments			
53.	Service Technician			
Machi	ne Fit Inspection Report			
54.	Shaft Run Out			
55.	Shaft Run Out Measurements			
	Initial	Final		
56.	DE Bearing Shaft Fit			
57.	DE Initial Shaft Bearing Fit Size			
	Measure 1	Measure 2	Measure 3	
50				
58.	DE Final Shaft Bearing Fit Size	Manager 0	Magazina O	
	Measure 1	Measure 2	Measure 3	
50	ODE Boaring Shaft Fit			
60	ODE Initial Shaft Rearing Fit Size			
00.	Measure 1	Moosuro 2	Moosuro 3	
	Measure 1	Measure 2	Measure 5	
61	ODE Final Shaft Bearing Fit Size			
01.	Measure 1	Measure 2	Measure 3	
62.	DE Air Seal Shaft Fit			

63.	DE Air Seal Shaft Size			
	Initial	Final		
64.	ODE Air Seal Shaft Fit			
65.	ODE Air Seal Shaft Size			
	Initial	Final		
66.	DE Endbell Fit			
67.	DE Initial Endbell Fit Size			
	Measure 1	Measure 2	Measure 3	
68.	DE Final Endbell Fit Size			
	Measure 1	Measure 2	Measure 3	
69.	DE Endbell Fit Insulated			
70.	DE Endbell Air Seal Fit			
71.	DE Endbell Air Seal Fit Size			
	Initial	Final		
72.	ODE Endbell Fit			
73.	ODE Initial Endbell Fit Size			
	Measure 1	Measure 2	Measure 3	
74.	ODE Final Endbell Fit Size			
	Measure 1	Measure 2	Measure 3	
75.	ODE Endbell Fit Insulated			
76.	ODE Endbell Air Seal Fit			
77.	ODE Endbell Seal Fit Size			
	Initial	Final		
78.	Foot Flatness			
79.	Foot Condition			
80.	Flange Condition			
81.	Service Technician			
Balanc	ing Report			
82.	Balance Type			
83.	Balance Operating Speed			
84.	Starting Measurements			
	Left End	Right End		
85.	Balancing Specification			
86.	Finished Measurements			
	Left End	Right End		
87.	Service Technician			
Assembly and Final Test				

- 88. Impeller Balanced
- 89. Seal Cavity Test Pressure
- 90. Pressure Test Time
- 91. Painted





92.	Final Assembly Completed
93.	Service Technician



