

AC Recondition Repair Report

FolderID: 97951 FormID: 10191950

7030 Ryburn Dr Millington, Tn 38053 901-873-5300

Hi-Speed Industrial Service

Union Pacific-Vine St 10945

1020 N. Vine Street North Liittle Rock, AR

Priorities Found: 4 - High

10 - Good

General			
1.	Job Number	97951	
2.	Report Date	03/09/2021	
3.	Customer	UNION PACIFIC	
Name	Name Plate Information		

RELIANCE P5 Manufacturer























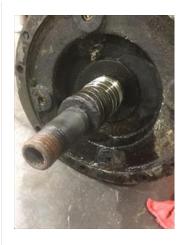




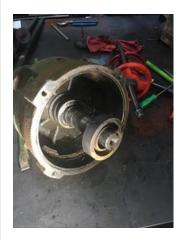
































35. Resistance to Ground



	_		TVD= D	
	5.	Model	TYPE: P	
	6.	Serial Number	ID: P1862702J-6K	
	7.	Horsepower	5	
	8.	KW		
	9.	Volts	460	
	10.	Amps	7	
	11.	RPM	1725	
	12.	Frame	XO180TY	
	13.	Enclosure	TENV	
	14.	•	60	
	15.	Phase	3	
	16.		1.15	
	17.	Motor Mount Position		
In	itial I	nspection		
	18.	Number of Leads		
	19.	Lead Length	Inches	
	20.	Lead Size		
	21.	Lead Condition	(F) Fail	
	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	no	
	28.	Does Shaft Have Visible Damage	yes	
	•	Seal surfaces worn and pitted		
	29.	Bearing Rtd's		
	30.	Bearing Rtd's Condition		
	31.	Contamination		
		Yes		
	32.	Frame Condition	(P) Pass	
	33.	Fan Condition	(NA) Not Applicable	
	34.	Broken or missing components		
		Inner snap ring broken. Multiple bolts missing n wear plate.		
In	Initial Electric Test			

Hi-Speed Industrial Service disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Hi-Speed. Hi-Speed shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

Mohm

59	Contaminated with water	(F) Fail	
	, , , , , , , , , , , , , , , , , , ,	grease	
57 58		no	
56		1	
55	3 71	regular ball bearing	
54			
		6205 2Z/C3	
53		regular ball bearing	
52	•	regular ball bearing	
51	-	6210 2Z/C3	
50	•	SKF	
lech	nanical Inspection		
49	. Rotor Condition		
48	. Growler Test	(P) Pass	
47	. Number of Broken Rotor Bars		
46			
45			
44	. Rotor Type	squirrel cage	
nitia	I Rotor Inspection		
	. Tanara 200anan	excessive moisture	
43		windings blown from	
42		pass	
41		(F) Fail	
40			
39			
38	-		
	. Winding Resistance 2-3		

Replace broken snap ring and missing bolts.

69. Service Technician Terrence Holland

Tenne 2/Mont

Vla	achin	e 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	1.9684 "
	75.	DE Initial Shaft Bearing Fit Size 2	1.9685 "
	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	(P) Pass
	81.	ODE Initial Shaft Bearing Fit Size 1	0.9848 "
	82.	ODE Initial Shaft Bearing Fit Size 2	0.9847 "
	83.	ODE Initial Shaft Bearing Fit Size 3	0.9849 "
	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	(P) Pass
	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	(P) Pass
		ODE Initial Endbell Fit Size 1	. ,
	106.	ODE Initial Endbell Fit Size 2	
	107.	ODE Initial Endbell Fit Size 3	
	-	ODE Final Endbell Fit Size 1	
		ODE Final Endbell Fit Size 2	
		ODE Final Endbell Fit Size 3	

	4 ODE Faulball Eitlandetad	
	1. ODE Endbell Fit Insulated	
	2. ODE Endbell Air Seal Fit	
	3. ODE Initial Endbell Seal Fit Size	
	4. ODE Finial Endbell Seal Fit Size	(MANNI A A TRATE
	5. Foot Flatness	(NA) Not Applicable
_	5. Foot Condition	(NA) Not Applicable
	7. Flange Condition	(P) Pass
	3. Service Technician	
	ncing Report	
	9. Balance Type	
	D. Balance Operating Speed	
	1. Start Left End	
	2. Start Right End	
	3. Balancing Specification	
	4. Finish Left End	
	5. Finish Right End	
	6. Service Technician	
	mbly and Final Test	
	7. Meggar Testing Reading	
	3. Surge Test	
	9. Hi-Pot	
	D. Winding Resistance 1-2	
	1. Winding Resistance 2-3	
	2. Winding Resistance 1-3	
	3. Test Run Voltage Phase A	
	4. Test Run Amps A	
	5. Test Run Voltage Phase B	
	6. Test Run Amps B	
	7. Test Run Voltage Phase C	
	3. Test Run Amps C	
	9. DE Horizontal Vibration Reading	
	DE Vertical Vibration Reading DE Axial Vibration Reading	
	ODE Horizontal Vibration Reading	
14		
	ODE Vertical Vibration Reading ODE Axial Vibration Reading	
	5. Ambient Temp at start of Test Run	
	5. Temp at 5 minutes	
	7. Temp at 5 minutes	
	3. Temp at 15 minutes	
14		
	D. Temp at 25 minutes	
	Temp at 25 minutes Temp at 30 minutes	
	2. Temp at 35 minutes	
	3. Temp at 40 minutes	
	4. Temp at 45 minutes	
	5. Temp at 45 minutes	
	5. Temp at 55 minutes	
13	o. Tomp at 00 miliatos	

157. Temp at 60 minutes158. Motor Paint159. Service Technician