

## **AC Recondition Repair Report**

## FUTURE FUEL CHEMICAL

2800 GAP RD HWY 394 SO BATESVILLE, AR 72501

## Priorities Found: A 17 - Good

FolderID: 98067 FormID: 10383195

Hi-Speed Industrial Service

Priorities Found: 🕘 17 - Good		
General		
1. Job Number	98065	
2. Report Date	04/07/2021	
3. Customer	FUTURE FUEL	
Name Plate Information	io di la companya di	
4. Manufacturer	SIEMENS P5	



























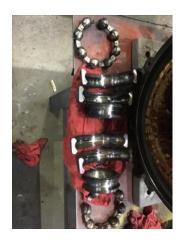








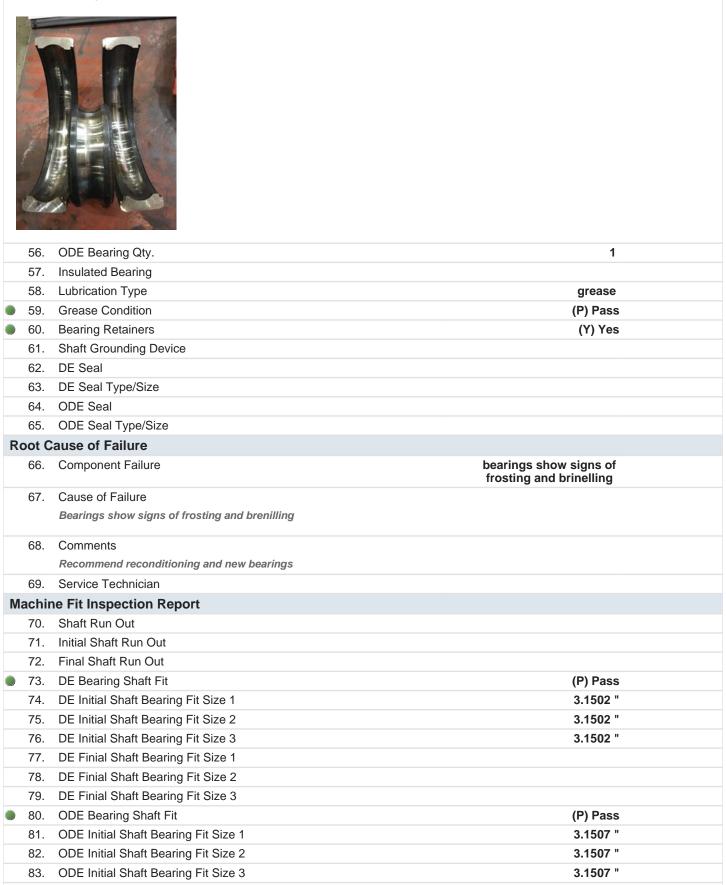




-			
5.	Model	1LE23214DA312AA3	
6.	Serial Number	Q2-E19TO329NPI 4	
7.	Horsepower	200	
8.	KW		
9.	Volts	460	
10.	Amps	216	
11.	RPM	3575	
12.		447TS	
13.	Enclosure	TEFC	
14.	Cycles	60	
15.	Phase	3	
16.	Service Factor	1.15	
17.	Motor Mount Position	horizontal	
Initial	Inspection		
18.	Number of Leads	3	
19.	Lead Length		
20.	Lead Size		
21.	Lead Condition	(P) Pass	
22.	Lead Markings	1-3	
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		
	Na		
<ul><li>32.</li></ul>	Frame Condition	(P) Pass	
<ul><li>33.</li></ul>	Fan Condition	(P) Pass	
34.	Broken or missing components		
	Na		
Initial	Electric Test		

## Initial Electric Test

	05	Desistance (a Orace d	<b>M</b> = 1	
	35.	Resistance to Ground	Mohm Ohm	
	36.	Winding Resistance 1-2	Ohm's	
	37. 38.	Winding Resistance 2-3 Winding Resistance 1-3	Onm's	
	39.	Resistive Imbalance	%	
	40. 41.	Hi-Pot	Ua (P) Pass	
		Surge Test		
	42.	Stator Condition	pass	
		Failure Location		
In		Rotor Inspection		
	44.	Rotor Type	cast aluminum	
	45.	Air Gap <10% Variation		
	46.	Number of Rotor Bars		
	47.			
	48.		(P) Pass	
		Rotor Condition	(P) Pass	
Me	echa	nical Inspection		0
	50.	Bearing Manufacture	ORS	P1
	51.	Bearing DE Size	6316	
	52.	Bearing DE Type	ball	P23
	53.	DE Bearing Qty. Bearing ODE Size	1 6316	



84. ODE Finial Shaft Bearing Fit Size 1

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P53

ball

	A series of the	and and		
		Balance Type	nema standard P6	1
Ba	alanc	ing Report	io i	
	118.	Service Technician		
	117.	Flange Condition	(NA) Not Applicable	
	116.	Foot Condition	(P) Pass	
	115.	Foot Flatness	(P) Pass	
	114.	ODE Finial Endbell Seal Fit Size		
	113.	ODE Initial Endbell Seal Fit Size		
	112.	ODE Endbell Air Seal Fit		
	111.	ODE Endbell Fit Insulated		
	110.	ODE Final Endbell Fit Size 3		
	109.	ODE Final Endbell Fit Size 2		
	108.	ODE Final Endbell Fit Size 1		
	107.	ODE Initial Endbell Fit Size 3	6.6937 "	
	106.	ODE Initial Endbell Fit Size 2	6.6938 "	
	105.	ODE Initial Endbell Fit Size 1	6.6938 "	
	104.	ODE Endbell Fit	(P) Pass	
	103.	Finial Endbell Air Seal Fit Size		
	102.	Initial Endbell Air Seal Fit Size		
	101.	DE Endbell Air Seal Fit		
	100.	DE Endbell Fit Insulated		
	99.	DE Final Endbell Fit Size 3		
	98.	DE Finial Endbell Fit Size 2		
	97.	DE Final Endbell Fit Size 1		
	96.	DE Initial Endbell Fit Size 3	6.6938 "	
	95.	DE Initial Endbell Fit Size 2	6.6939 "	
	94.	DE Initial Endbell Fit Size 1	6.6937 "	
	93.	DE Endbell Fit	(P) Pass	
	92.	ODE Final Air Seal Shaft Size		
	91.	ODE Initial Air Seal Shaft Size		
	90.	ODE Air Seal Shaft Fit		
	89.	DE Final Air Seal Shaft Size		
	88.	DE Initial Air Seal Shaft Size		
	87.	DE Air Seal Shaft Fit		
	86.	ODE Finial Shaft Bearing Fit Size 3		
	85.	ODE Finial Shaft Bearing Fit Size 2		

10	Polonee Operating Speed	
	<ul> <li>Balance Operating Speed</li> <li>Start Left End</li> </ul>	0.44 Mille
		0.44 Mills
	2. Start Right End	0.84 Mills
	B. Balancing Specification	
	I. Finish Left End	0.47 Mills
	5. Finish Right End	
	5. Service Technician	-
	mbly and Final Test	
	7. Meggar Testing Reading	Mohm
	3. Surge Test	(P) Pass
	). Hi-Pot	
	). Winding Resistance 1-2	
	. Winding Resistance 2-3	
	2. Winding Resistance 1-3	
	<ol> <li>Test Run Voltage Phase A</li> </ol>	
	I. Test Run Amps A	
	5. Test Run Voltage Phase B	
	3. Test Run Amps B	
	7. Test Run Voltage Phase C	
	8. Test Run Amps C	
	<ol> <li>DE Horizontal Vibration Reading</li> </ol>	0.04 In/Sec
14	). DE Vertical Vibration Reading	0.02 In/Sec
14	. DE Axial Vibration Reading	0.03 In/Sec
14	2. ODE Horizontal Vibration Reading	0.04 In/Sec
14	<ol> <li>ODE Vertical Vibration Reading</li> </ol>	0.04 In/Sec
14	ODE Axial Vibration Reading	0.03 In/Sec
14	<ol><li>Ambient Temp at start of Test Run</li></ol>	
14	5. Temp at 5 minutes	
14	7. Temp at 10 minutes	
14	3. Temp at 15 minutes	
14	9. Temp at 20 minutes	
15	). Temp at 25 minutes	
15	. Temp at 30 minutes	
15	2. Temp at 35 minutes	
15	B. Temp at 40 minutes	
15	. Temp at 45 minutes	
15	5. Temp at 50 minutes	
15	5. Temp at 55 minutes	
15	7. Temp at 60 minutes	
• 15	3. Motor Paint	(P) Pass P136





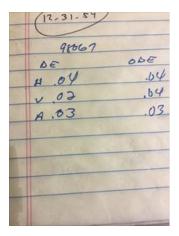


























159. Service Technician

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**Terrence. Holland**