

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

Gearbox InspectionMISSISSIPPI SILICON, LLC

P.O. BOX 316 **BURNSVILLE, MS 38833**

FolderID: 152629 FormID: 20163844

Gearbox Inspection

Location: Shop Hi-Speed Job Number: **Customer Name::** Mississippi Skf

152629

Serial Number:

Priorities Found: 5 - High

23 - Good

Gearbox Visual Inspection

Date Inspection Performed

04/23/2024

P1

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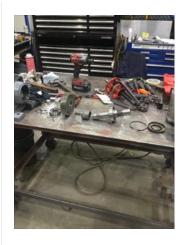




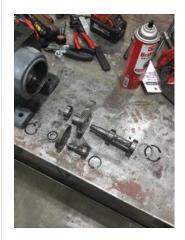




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2.	Oil Condition			
	Wear	Physical	Contaminants	
		•		
-	Dirty			
3.	Gears:			
	Wear	Physical	Contaminants	
-	Good			
4.	Seals:			
	Wear	Physical	Contaminants	

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-		Bad replace								
5 .		Environmental Conditions								
		Ambient Temparature (F)	Humidity							
	-	N/A								
	6.	Physical Issues								
		Signs of Excessive Heat?	Signs of Lubricant Leaks?							
-		Oil leaking								
	7.	Other conditions								
		Gearbox Temperature (F)	Moisture Presence							
Gearbox Inspection & Evaluation Checklist										
	8.	Primary drive rotates input shaft in correct direction		(Yes) Yes						
	9.	Condition of Machinery Guards if Present		(NA)						
•	10.	Condition of Coupling Guards if Pre	esent	(NA)						
•	11.	Type of Coupler:		no coupling						
	12.	Coupling Alignment		N/A						
	13.	Condition of Housing		(Pass) Acceptable						
	14.	Condition of Mounting Hardware		(NA)						
	15.			(Pass) Present/Acceptable						
	16. 17.	Condition of Piping & connections (if forced lube system installed)		(NA) (NA)						
	18.	Condition of switches, alarms, heaters, coolers or other devices Condition of inspection covers		(Pass) Present/Acceptable						
	19.	Condition of seals & bearings		(Fail) Unacceptable						
	•	Replace all		(i aii) eliacceptable						
	20.	Gearbox Oil Level		(NA)						
	21.	Gearbox Oil Level [COPY]		(NA)						
	22.	Type and Grade of Specified Lubric	cant	N/A						
	23.	Correct type and grade of specified lubricant		(NA)						
	24.	Appearance of lubricant		(Fail) Unacceptable						
	25.	Free rotation of shafts		(Yes) Yes						
	26.	Condition of Input shaft		(Pass) Acceptable						
	27.	Gear tooth condition		(Pass) Acceptable						
	28.	Degree of Gear Wear		(None) None/New						
	29.	Gear tooth Contact		(Pass) Acceptable						
Gearbox Summary										
	30.	Summary of Issues and Overall Co	ndition of the Gearbox							

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- 1-6206 zz c3 bearing 1- ima f-554185 01 roller bearing
- 1- 6301 open bearing 1- external Snapring for. 6301 bearing
- 1- 6005 open bearing
- 2- 35-47-7 lipseal 1- gear box hole cap for the 6301 bearing hole
- 1- 47-90-10/7 lipseal
- 1- 6308 zz c3 bearing
- 1- 6207 open bearing 1- 47-7. Cr 0098 gearbox bearing hole cap 2- 6202 open bearings

- 1- 6302 open bearing 1- ina f 553575.01 roller bearing
- 1- 6303 open bearing
- 31. Technician Signature

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