

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

0









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.









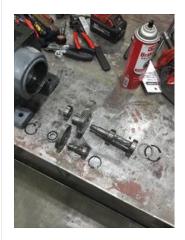




Hi-Speed Industrial Service disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Hi-Speed. Hi-Speed shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information,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











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

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.

-		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 Present		(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.	Breather Vent Installed:		(Pass) Present/Acceptable				
	16. 17.	Condition of Piping & connections (if forced lube system installed) Condition of switches, alarms, heaters, coolers or other devices		(NA) (NA)				
	18.	Condition of switches, alarms, heaters, coolers of 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 Lubricant		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					

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.

- 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

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.