



Gearbox Inspection
MISSISSIPPI SILICON, LLC
P.O. BOX 316
BURNSVILLE, MS 38833

FolderID: 152629
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Gearbox Inspection

Location: Shop

Serial Number:

Hi-Speed Job Number: 152629

Customer Name:: Mississippi Skf

Priorities Found: ● 5 - High ● 23 - Good

Gearbox Visual Inspection



● 1. Date Inspection Performed

04/23/2024

P1



































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

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	<i>Bad replace</i>	
	5. Environmental Conditions	
	Ambient Temperature (F)	Humidity
	<i>N/A</i>	
	6. Physical Issues	
	Signs of Excessive Heat?	Signs of Lubricant Leaks?
	<i>Oil leaking</i>	
	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. Condition of Piping & connections (if forced lube system installed)	(NA)
	17. Condition of switches, alarms, heaters, coolers or other devices	(NA)
	18. Condition of inspection covers	(Pass) Present/Acceptable
	19. Condition of seals & bearings	(Fail) Unacceptable
	<i>Replace all</i>	
	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 Condition of the Gearbox	

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