



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

Gearbox Inspection

Quikrete (0001756)

4362 Millington Road
Memphis, TN 38127

FolderID: 155635
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Gearbox Inspection

Location: Tower

Serial Number:

Job Number: 155635

Description: Dodge Gear Box

Hi-Speed Job Number: 155635

Manufacturer:: Dodge

Ratio:: 25.13

Model#:: TXT625AT

Input Speed:: 2010 (RPM)

Priorities Found: ● 3 - High

Gearbox Visual Inspection



1. Date Inspection Performed

05/28/2025

P1



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2. Oil Condition

Wear

Physical

Contaminants

bad

3. Gears:

Wear

Physical

Contaminants

4. Seals:

Wear

Physical

Contaminants

normal

P4



5. Environmental Conditions

Ambient Temperature (F)

Humidity

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6. Physical Issues		
Signs of Excessive Heat?	Signs of Lubricant Leaks?	
7. Other conditions		
Gearbox Temperature (F)	Moisture Presence	
Gearbox Inspection & Evaluation Checklist		
8. Primary drive rotates input shaft in correct direction	(No)	No
9. Condition of Machinery Guards if Present	(NA)	
10. Condition of Coupling Guards if Present	(NA)	
11. Type of Coupler:		
12. Coupling Alignment		
13. Condition of Housing	(Pass)	Acceptable
14. Condition of Mounting Hardware	(Fail)	Unacceptable
Missing		
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	(Pass)	Acceptable
20. Gearbox Oil Level	(Pass)	Acceptable
21. Gearbox Oil Level [COPY]		
22. Type and Grade of Specified Lubricant		
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	(Mild)	Mild
29. Gear tooth Contact	(Pass)	Acceptable
Gearbox Summary		
30. Summary of Issues and Overall Condition of the Gearbox	<i>Good condition, anti reverse bearing was damaged. Stuck shaft removed from gear box. Needs new kit to recondition.</i>	
31. Technician Signature	Brandon Woodard	
		