



## Gearbox Inspection

Plaskolite (00390102)

2609 Fite Rd  
Millington, TN 38127

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### Gearbox Inspection

Location: 200 Area

Serial Number:

Hi-Speed Job Number: 153984

Customer Name:: Plaskolite

Manufacturer:: Boston

Ratio:: 80-1

Serial#:: F726-80-B5-6

Output Speed:: 1100 (RPM)

### Gearbox Visual Inspection



1. Date Inspection Performed 11/01/2024

2. Oil Condition

Wear

Physical

Contaminants

3. Gears:

Wear

Physical

Contaminants

4. Seals:

Wear

Physical

Contaminants

P4



5. Environmental Conditions

Ambient Temperature (F)

Humidity

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
9. Condition of Machinery Guards if Present
10. Condition of Coupling Guards if Present
11. Type of Coupler:
12. Coupling Alignment
13. Condition of Housing
14. Condition of Mounting Hardware
15. Breather Vent Installed:
16. Condition of Piping & connections (if forced lube system installed)
17. Condition of switches, alarms, heaters, coolers or other devices
18. Condition of inspection covers
19. Condition of seals & bearings
20. Gearbox Oil Level
21. Gearbox Oil Level [COPY]
22. Type and Grade of Specified Lubricant
23. Correct type and grade of specified lubricant
24. Appearance of lubricant
25. Free rotation of shafts
26. Condition of Input shaft
27. Gear tooth condition
28. Degree of Gear Wear
29. Gear tooth Contact

### Gearbox Summary



30. Summary of Issues and Overall Condition of the Gearbox

P30

2- M86610. 68084. HMS. 0621 tapered roller bearing cup

2- m86649 HRB. Tapered roller bearing inner race

1- tc. 204 112 31 lipseal

1- 6306 z c3

1- stabili seal Boston gear J00338. CSI 1 1.126 2.835 0.313/0.347 TGA11 Lip seal



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31. Technician Signature