



Annual Hydraulic Boom Crane Inspection

OSHA/ANSI Annual Periodic/Post Assembly Inspection Checklist

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Unit No: 218 S/N: 228484 Make & Model: GROVE RT650E
Hour Meter Reading: Upper: N/A Lower: 3523 Mileage: N/A Date: 5-1-26
Upper Engine Model S/N: _____ Lower Engine Model & S/N: CUMMINS QSB6.7 S/N:46938207
Attachments Model & S/N: _____

STATUS: ☒ = Satisfactory ☐ = Deficiency ☐ N/A = Not Applicable ☒ = Deficiency Corrected

Item	Status	☒	Item	Status	☒	Item	Status	☒
GENERAL			LOWER CARRIER			LOAD CHART		
1. Sheet Metal	☒		41. Transmission	☒		80. Per Configuration	☒	
2. Guards/Covers	☒		42. Drive Line	☒		81. Durable	☒	
3. Lights/External	☒		43. Tires/Air Pressure/Wheels	☒		82. Legible	☒	
4. Housekeeping	☒		44. Main Frame Member	☒		83. Visible From Operator's Station	☒	
5. Safety/Warning Decals & Labels	☒		45. Hydraulic Hoses/Tubing/Fittings	☒		84. Secured	☒	
6. Hand Signals Chart (outside)	☒		46. Other	☒		85. Other	☒	
7. Paint Condition/Corrosion Control	☒		LOWER OUTRIGGERS			SAFETY DEVICES/OPERATIONAL AIDS		
8. DOT Inspection	N/A		47. Boxes	☒		86. Warning Devices	☒	
9. Other	☒		48. Beams	☒		87. Boom Angle Indicator	☒	
LOWER DRIVER'S CAB & STATION			49. Cylinders	☒		88. Main Drum Rotation Indicator	☒	
10. Access - Hand Holds/Steps	☒		50. Floats/Pads/Keepers	☒		89. Aux. Drum Rotation Indicator	☒	
11. Glass	☒		51. Hydraulic Hoses/Tubing/Fittings	☒		90. Load Moment Indicator	☒	
12. Windshield Wipers	☒		52. Holding Valves	☒		91. Load Weight Indicator	☒	
13. Door(s) Restraint(s)	☒		53. Position Locks	☒		92. Radius Indicator	☒	
14. Mirrors	☒		54. Warning Signs	☒		93. Crane Level Indicator	☒	
15. Fire Extinguisher	☒		55. Other	☒		94. Anti-two Block Device	☒	
16. Seat Restraint	☒		UPPER OPERATOR'S CAB & STATION			95. Two Block Warning Device	☒	
17. Seat Belts	☒		56. Parking Brake	☒		96. Boom Length Indicator	☒	
18. Parking Brake	☒		57. Horn/Warning Device	☒		97. Other	☒	
19. Air Pressure	N/A		58. Functioning Test Performed	☒		POWER PLANT (UPPER)		
20. Controls Identified	☒		59. Grab Rails/Steps/Platforms	☒		98. Performance	N/A	
21. Instruments/Gauges	☒		60. Anti-Skid Surface	☒		99. Exhaust System/Guards & Insulators	N/A	
22. Electrical Switches/Functions	☒		61. Glass	☒		100. Belts/Hoses	N/A	
23. Horn	☒		62. Windshield Wipers	☒		101. Guards/Covers/Rotat. & Recip. Parts	N/A	
24. Lights	☒		63. Door(s) Restraint(s)	☒		102. Other	☒	
25. Backup Alarm	☒		64. Fire Extinguisher	☒		ROTATING UPPER STRUCTURE		
26. Steering	☒		65. Mirrors	☒		103. Turntable/Bearing	☒	
27. Engine Clutch	N/A		66. Seat Restraint	☒		104. Automatic Greaser	N/A	
28. Accelerator	☒		67. Seat Belts	☒		105. Hydraulic Pump(s)/Swivel	☒	
29. Brake	☒		68. Operator's Manual	☒		106. Hydraulic Hoses/Tubing/Fittings	☒	
30. Other	☒		69. Operating Instructions/Decals	☒		107. Hydraulic Motors/Valves/Lines/Etc.	☒	
LOWER DRIVER'S POWER PLANT (LOWER)			70. Electrocutation Warning Sign (Inside)	☒		108. Electrical Wiring	☒	
31. Performance	☒		71. Hand Signals Chart	☒		109. Main Hoist - Clutches/Brakes	☒	
32. Exhaust System/Guards & Insulators	☒		72. Swing Brake	☒		110. Main Hoist - Wrapping on Drum	☒	
33. Belts/Hoses	☒		73. Positive Swing Lock	☒		111. Aux. Hoist - Clutches/Brakes	☒	
34. Guards/Covers/Rotat. & Recip. Parts	☒		74. Controls - Forces/Movements	☒		112. Aux. Hoist - Wrapping on Drum	☒	
35. Hydraulic Fluid Level	☒		75. Air Pressure	N/A		113. Hydraulic Pressure Settings	☒	
36. Anti-Skid Surface	☒		76. Foot Brakes - Latches/linkage	☒		114. Swing Gear Box	☒	
37. Front Bumper Ctwit.	N/A		77. Power Controlled Lowering	☒		115. Drums/Flanges	☒	
38. Axle Lock-out	☒		78. Accelerator/Throttle Control	☒		116. Torque Converter	☒	
39. Backup Alarm & Light	☒		79. Other	☒		117. Anti-Skid Surface	☒	
40. Other	☒					118. Steps/Hand Holds/Platforms	☒	

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