

# WHEEL LOADER INSPECTION

## CASE CONSTRUCTION CUSTOMIZED MAINTENANCE INSPECTION CHECKLIST



W.O. # \_\_\_\_\_  
 DATE \_\_\_\_\_  
 MODEL \_\_\_\_\_  
 TECHNICIAN SIGNATURE \_\_\_\_\_  
 P.I.N. \_\_\_\_\_ HOURS \_\_\_\_\_

CUSTOMER NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY, STATE, ZIP \_\_\_\_\_  
 PHONE \_\_\_\_\_  
 CUSTOMER SIGNATURE \_\_\_\_\_

ITEM #	COMMENTS

Prior to inspection, check for service bulletins and PIPs applicable to the particular unit.

**A B C S SAFETY EQUIPMENT/OPERATOR CAB**

1. Safety Decals
2. Operator's Manual
3. ROPS
4. Backup Alarm
5. Seat Belts
6. Cab Mounts
7. Wipers
8. Defrost/Heat/A/C Fan
9. Turn Signals
10. Lights, Brake Light Function
11. All Instruments
12. Cab Filters
13. ID Tab Present
14. Check Operation & Function of SiteWatch™ Equipment
15. Check Operation & Function of Machine Control Components

**ENGINE**

16. Belts/Tensioner
17. Exhaust Smoke
18. Unusual Noise
19. Turbocharger
20. Intake System
21. Muffler/Exhaust System
22. Fuel Pumps
23. Fuel Lines/Clamps
24. Fuel Shut-Off System
25. Throttle Function
26. Fuel Tank, Cap, Sender, Breather

**A B C S ENGINE (CONT.)**

27. Fuel Injectors
28. Fuel & DEF Leaks
29. Engine Fuel Filters
30. Engine Oil/Filter
31. Oil Leaks
32. Engine Air Filters
33. Engine Valve Adjustment

**TIER 4 CEGR**

34. Exhaust Pipes to DPF Chamber
35. Proper Operation
36. Electrical Connectors
37. DPF Chamber for Damage or Cracks

**TIER 4 SCR**

38. Inspect DEF Tank
39. Check DEF Fluid Level
40. Check All DEF Hoses & Filters
41. Check Electrical Connectors
42. Check Catalyst Chamber for Damage or Cracks
43. Complete DEF System Functional Test
44. All DEF System Filters

**COOLING SYSTEM**

45. Radiator Core
46. Cooling Fan, Check Function & Measure Top Speed
47. Hoses/Clamps/Cap
48. Water Pump
49. Coolant Level
50. Coolant Leaks

**A B C S BRAKE SYSTEM**

51. Measure Brake Disc Pack
52. Brake Pedal Function
53. Lines/Hoses
54. Parking Brake Test
55. Service Brake Operation

**STEERING SYSTEM**

56. Hoses
57. Cylinder/Valve
58. Linkage, Column Tilt System
59. Operational

**FLUIDS/LUBRICATION**

60. Lubricate Grease Points
61. Rear Differential Oil
62. Front Differential Oil
63. Breathers
64. Planetaries

**HYDRAULIC**

65. Lines/Hoses
66. Control/Linkage
67. Oil Cooler
68. Cylinder/Valves
69. Reservoir, Cap & Vent
70. Operational
71. Hydraulic/Transmission Oil
72. Hydraulic Oil/Filters
73. Hydraulic Fluid Particle Count Analysis

**A B C S ELECTRICAL**

74. Neutral Starting Switch
75. Connections
76. Battery Hold-Down
77. Starter
78. Alternator
79. Return-to-Dig
80. Declutch
81. Fault Codes, Clear & Retest

**POWERTRAIN**

82. Transmission Oil Cooler
83. Driveshafts
84. Wheel Lugs
85. Tires, Wear/Size & Pressure
86. Operational
87. Wheel Bearings

**MISCELLANEOUS**

88. Cutting Edge, Teeth & Shanks (If Equipped)
89. Welds/Frames
90. Sheet Metal
91. Coupler Function (If Equipped)

**ADDITIONAL MAINTENANCE**

92. \_\_\_\_\_
93. \_\_\_\_\_
94. \_\_\_\_\_
95. \_\_\_\_\_
96. \_\_\_\_\_



This information is only for the purpose of suggesting possible repair or treatment of equipment. Any remedy will be limited to the amount of the inspection fee. Dealer makes no expressed or implied warranties, and disclaims any incidental or consequential damages. PM-17134 (Replaces: PM-14360) Rev 07/14

A	CRITICAL – MUST REPAIR
B	OPERATIONAL – SIGNS OF WEAR
C	OK
S	PASSED INSPECTION – SERVICE PROVIDED