

LOADER/BACKHOE INSPECTION

CASE CONSTRUCTION CUSTOMIZED MAINTENANCE INSPECTION CHECKLIST



W.O. # _____ **CUSTOMER NAME** _____
DATE _____ **ADDRESS** _____
MODEL _____ **CITY, STATE, ZIP** _____
TECHNICIAN SIGNATURE _____ **PHONE** _____
P.I.N. _____ **HOURS** _____ **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. Horn
6. Control Switches
7. Seat Belts
8. Cab Mounts
9. Wipers
10. Defrost/Heat/A/C Fan
11. Turn Signals
12. Lights
13. All Instruments
14. Cab Filters
15. Loader Arm Strut
16. Backhoe Boom Lock
17. Backhoe Swing Lock Pin
18. Check Operation & Function of SiteWatch™ Equipment
19. Check Operation & Function of Machine Control Components

ENGINE

20. Belts/Tensioner
21. Exhaust Smoke
22. Unusual Noise
23. Turbocharger
24. Intake System
25. Muffler/Exhaust System
26. Check CCV for Proper Routing & Filter Condition (Not Frozen)
27. Fuel Pumps
28. Fuel Lines/Clamps
29. Fuel Shut-Off System
30. Fuel Throttle Linkage

A B C S ENGINE (CONT.)

31. Fuel Injectors
32. Fuel Tank
33. Fuel Leaks
34. Engine Fuel Filters
35. Engine Oil/Filter
36. Oil Leaks
37. Engine Air Filters (Inner & Outer)
38. Engine Valve Adjustment

TIER 4 CEGR

39. Exhaust Pipes to DPF Chamber
40. Proper Operation
41. Electrical Connectors
42. DPF Chamber for Damage or Cracks

TIER 4 SCR

43. Inspect DEF Tank
44. Check DEF Fluid Level
45. Check DEF Tank Hose to Catalyst Chamber
46. Check Electrical Connectors
47. Check Catalyst Chamber for Damage or Cracks
48. DEF Tank Cap
49. DEF Filters

COOLING SYSTEM

50. Radiator Core
51. Fan Assembly
52. Hoses/Clamps/Cap
53. Water Pump
54. Fan/Pulleys
55. Coolant Level
56. Coolant Leaks

A B C S BRAKE SYSTEM

57. Linkage
58. Lines/Hoses
59. Parking Brake
60. Operational
61. Master Cylinder Condition (Wet/Dry)
62. Brake Fluid

STEERING SYSTEM

63. Hoses
64. Cylinder/Valve
65. Linkage/Controls
66. Operational

FLUIDS/LUBRICATION

67. Lubricate Grease Points
68. Differential Oil
69. Trans. Axle Oil
70. Front Axle Oil
71. Breathers
72. Planetaries

HYDRAULIC

73. Lines/Hoses
74. Control/Linkage
75. Oil Cooler
76. Cylinder/Valves
77. Reservoir
78. Operational
79. Hydraulic/Transmission Oil
80. Hydraulic Oil/Filters
81. Pump
82. Hydraulic Fluid Particle Count Analysis

A B C S ELECTRICAL

83. Neutral Starting Switch
84. Connections
85. Harness Connectors
86. Fuses & Relays
87. Battery Hold-Down
88. Starter
89. Alternator
90. Return-to-Dig
91. Declutch
92. Battery (Fluid Test)

POWERTRAIN

93. Trans. Oil Cooler
94. Driveshafts
95. Wheel Lugs
96. Tires/Pressure
97. Operational
98. Wheel Bearings

MISCELLANEOUS

99. Bucket Teeth/Cutting Edge
100. Ground-Engaging Tools
101. Welds/Frames
102. Sheet Metal
103. Check for Error Codes in EST & Easy Tool
104. Check Tier 4 Performance Figures at Reported Hours

ADDITIONAL MAINTENANCE

105. _____
106. _____
107. _____
108. _____
109. _____



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-17130 (Replaces: PM-14358) Rev 07/14

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