

Unit Number	PM Type: (A, B, C, or R - Ready)	Serial Number	Work Order Number	Branch Number
Hour Meter or Odometer	Make	Model	Customer Name / Number	Date

## Maintaining The Best Equipment For Our Customers

**Instructions:** Perform all items for the appropriate PM inspection as indicated by non-shaded areas in columns A, B, or C. Rental Ready Inspection items are indicated by non-shaded areas in column R.

Mark the appropriate Worksheet Code after each inspection item in the applicable column.

**Worksheet Codes:** ✓ = OK, Adjusted, or Serviced    X = Not Applicable    F = Follow Up Needed

Intervals:		R	A	B	C
<b>Visual Inspection</b>					
1.	Inspect jobsite / work area for potential overhead and other hazards				
2.	Inspect overall appearance, condition, and check for damage				
3.	Inspect fluid levels and inspect for external leaks				
4.	Inspect for missing components				
5.	Inspect for unauthorized modifications				
<b>Engine</b>					
6.	Inspect engine mounts				
7.	Change engine oil and filter				
8.	Change fuel filter / service fuel-water separator				
9.	Inspect air filter restriction gauge				
10.	Inspect air induction system				
11.	Clean air filter dust valve				
12.	Inspect belt condition, alignment, and tension				
13.	Inspect idler pulleys				
14.	Inspect cooling fan, shroud, and water pump condition				
15.	Inspect and clean radiator and oil cooler fins if needed				
16.	Pressure test radiator and cap				
17.	Test coolant protection level				
18.	Inspect exhaust system, mounts, and brackets for being secure and free of leaks				
19.	Inspect hoses for rubbing, being secure, brittle, bulging, and leaks				
20.	Adjust valves (if required by manufacturer)				
21.	Torque head bolts (Takeuchi)				
<b>Transmission / Drive Train</b>					
22.	Inspect operation and condition of parking brake				
23.	Inspect transmission pressure (JCB)				

Intervals:		R	A	B	C
<b>Electrical Systems</b>					
24.	Inspect and clean battery, battery posts, cable ends, tray, and heater if applicable				
25.	Inspect battery hold downs				
26.	Inspect and add distilled water to battery if applicable				
27.	Inspect battery electrolyte level (specific gravity) if applicable				
28.	Perform battery load test				
29.	Check charging system output				
30.	Inspect all visible electrical cords, cables, wires, and connections for being secure and free of corrosion, cuts, and abrasions				
<b>Hydraulics</b>					
31.	Inspect all areas around hydraulic components (pump, motor, cylinders, reservoir, oil lines, and fittings). Must be free of oil with no evidence of leaks, with no damage or chafing				
32.	Change hydraulic filters				
33.	Change hydraulic oil				
34.	Replace pilot line filter (Takeuchi - 200 series)				
35.	Clean or replace oil tank breather as applicable				
36.	Clean and inspect hydraulic cooler				
37.	Inspect all hoses and pipe clamps and retaining hardware				
38.	Inspect tank, sight glass, and cap system				
39.	Clean suction screen				
40.	Inspect auxiliary fittings for damage and leaks				
<b>Tires and Wheels</b>					
41.	Inspect wheel, rim condition and proper torque of lug nuts				
42.	Inspect tire condition and inflation				
<b>Tracks and Undercarriage</b>					
43.	Inspect and adjust crawler track tension				
44.	Change travel motor gear oil				

Intervals:		R	A	B	C
<b>Tracks and Undercarriage (continued)</b>					
45.	Change track idler oil and seals				
46.	Change track roller oil and seals				
47.	Change chain case oil				
<b>Functions and Controls</b>					
48.	Ensure instruments, switches, accessories, gauges, horn, and lights operate properly				
49.	Inspect condition of control enclosures and protective boots / guards. All controls return to neutral / off position when released. Detents properly lock controls in neutral / off position				
50.	Inspect seat condition				
51.	Inspect safety belt and / or seat bar				
52.	Inspect glass, windows, and mirrors				
53.	Inspect condition of cab filter				
54.	Inspect alarms and safety devices				
55.	Perform operational checks				
56.	Ensure operators manual is complete, legible, and properly secured				

Intervals:		R	A	B	C
<b>Structural</b>					
57.	Inspect loader arms, pins, bushings, and attach points for damage or wear				
58.	Inspect rollover protection system (ROPS)				
59.	Inspect condition of buckets, cutting edges, teeth, and attachments				
<b>General</b>					
60.	Ensure fuel tank is full				
61.	Inspect for open safety and service campaigns and bulletins				
62.	Inspect condition and placement of all required decals				
63.	Grease and lubricate all pivot pins, pivot points, hinges, and linkages				
64.	Ensure fire extinguisher is present and charged				
65.	Perform all other inspections and services recommended by manufacturer				
66.	Affix PM Due decal to equipment				

## Follow Up Worksheet

**Instructions:** List all follow-up items resulting from the Inspection using the corresponding item number from the inspection worksheet.

The Technician who completes the follow-up repair must enter the appropriate Code and his or her initials.

**Worksheet Codes:** ✓ = Repaired      OK = Reinspected and found OK

#	Description of Follow Up	✓ or OK	Repaired By Initials

**Verification of Preventive Maintenance:** This Preventive Maintenance Inspection and follow up repairs were completed in accordance with applicable manufacturer procedures, guidelines, and specifications.

\_\_\_\_\_  
Verified By – Name (print)

\_\_\_\_\_  
Verified By – Signature

\_\_\_\_\_  
Date