



Safety & Maintenance Inspection 60xx

Operator/Inspector _____ Date _____ Time _____

Serial Number _____ Machine Hours _____

- A thorough, regular visual inspection of the machine is necessary to maintain machine performance, availability, and safety. Make the inspection at the beginning of every shift or make the inspection after every 10 hours.
- Inspect the area around the machine and under the machine. Look for loose bolts, trash buildup, oil leaks, coolant leaks, broken parts, or worn parts. Remove accumulated trash, dirt, grease, or oil from the machine.
- For more information, please refer to the Operation & Maintenance Manual (O&MM) or any other applicable manuals and instructions for this product. If you have questions, please contact your local Cat dealer.

What are you inspecting?	✓	What are you looking for?	✓	Evaluator Comments
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FROM THE GROUND

Final drives and travel motors		Oil leaks, loose hardware, defective seals		
Travel hydraulic hoses		Structural condition, leaks		
Idler wheel and slide		Damage, wear, leaks		
Load rollers and carry rollers		Damage, tight mounting, leaks, grease vents		
Track chain and pads		Tight mounting, wear, damage		
Chain bearing bushings		Cracks, wear		
Track pins and retainers		Tight mounting, cracks, wear		
Carbody and crawler frames		Cracks, damage		
Track tensioning system		Crawler sag		
Swivel joint (rotary connection)		Oil leaks, loose hardware, defective seals and hoses, torque bar to undercarriage		
Swing bearing		Cracks, loose bolts, correct lubrication, outer lip seal		
High voltage cable connections		Damage Handle Cable in an approved manner with appropriate rubber gloves and isolated hooks and tongs		
Bucket/shovel		Condition, cracks on cutting edges, teeth, shroud, lip, wings, wear plates, bucket stops, axial and radial play on bucket/stick connection		
Bucket/clam cylinders with hydraulic lines and grease		Damage, leaks, loose bolts or hardware, defective seals		
Stick structure		Damage, deformation, cracks, stick stoppers		
Stick cylinders with hydraulic lines and grease lines		Damage, leaks, loose bolts or hardware, defective seals		
Boom structure		Damage, deformation, cracks		
Boom cylinders with hydraulic lines and grease lines		Damage, leaks, loose bolts or hardware, defective seals		
TriPower assembly with grease lines		Damage, leaks, loose bolts or hardware, defective seals		
Attachment hinge points		Correct lubrication (grease has to leak out)		
Boom walkway and hand rails		Condition, cleanliness		
Overall machine		Loose or missing nuts & bolts, loose guards, cleanliness		



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SUPERSTRUCTURE AND ENGINE MODULE

LH pump assembly	Damage, leaks, loose bolts or hardware, defective seals, control coils, hydraulic hoses		
LH pump drive gearbox	Oil level of pump pre-chamber (lube tank sight glass), oil level of PTO (dipstick), damage, leaks, mounting bolts		
LH engine	Mounting bolts, engine oil level, extension tank oil level, drain water separator, check alternator and AC drive belt, check wiring and plugs for damage, lines and hoses for leaks, radiator core for cleanliness		
Hydraulic tank	Oil level, mounting bolts		
RH engine	Mounting bolts, engine oil level, extension tank oil level, drain water separator, check alternator and AC drive belt, check wiring and plugs for damage, lines and hoses for leaks, radiator core for cleanliness		
RH Pump drive gearbox	Oil level of pump pre-chamber (lube tank sight glass), oil level of PTO (dipstick), damage, leaks, mounting bolts		
RH Pump assembly	Damage, leaks, loose bolts or hardware, defective seals, control coils, hydraulic hoses		
Hydraulic oil coolers / lines & hoses	Cleanliness / leaks, loose hardware		
PTO gear oil coolers / lines & hoses	Cleanliness / leaks, loose hardware		
Swing gearboxes/rotary and travel valves	Oil level, leaks, loose hardware, mounting bolts		

ON THE MACHINE, OUTSIDE THE CAB

Air intake system	Tightness, leaks		
Exhaust system	Tightness, leaks		
Cooling system	Coolant level in expansion tank		
Breather filters	Oil leakage, loose bolts		
Central lubrication system	Grease level, mounting bolts, condition of breather		
Windows	Broken glass, cleanliness		
Windshield wipers / washers	Wear, damage / fluid level		
Handrails, hydraulic ladder, emergency ladder	Damage, mounting bolts		

INSIDE THE CAB

Seat / armrests	Adjustment-height/weight, able to reach pedals		
Seat belt and mounting	Damage, wear, adjustment, age of seat belt, installation date (install by date)		
Horn, lights	Proper function		
Fire extinguisher	Charge, damage, seal, date of inspection		
Controls, screens	Damage, mountings for screen and tower		
Board Control System (BCS)	Fault messages		
Overall cab interior	Cleanliness, free from debris		

NOTES:

Inspected by: _____ Date: _____ Time: _____

