



Safety & Maintenance Inspection (777-797)

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

Tires, rims, lock ring, stem caps		Inflation, leaks, rim slippage on tire, damage, wear		
Duo-cone seal area		Damage, leaks		
Underneath machine		Damage, leaks		
Differentials, brakes, transmission		Leaks		
Suspension cylinders		Leaks, proper cylinder height		
Engine area		Leaks, damage, belt/hose condition		
Fuel filters / water separator		Leaks / drain water (if equipped)		
Fuel tank		Mounting brackets, welds, leaks, drain water & sediment		
Diesel Exhaust Fluid (DEF) tank (if equipped)		Fluid level, check for debris buildup		
Hoist cylinders		Wear, damage, leaks		
Dump body and truck frame		Damage, wear, distortion, presence of frame & body support pads		
Rear tire rock ejectors		Free movement		
Differential and final drive oil		Fluid level		
Primary/Secondary Air tank (if equipped)		Drain moisture		
Rear axle		Leaks, damage, wear		
Torque converter/transmission oil		Fluid level		
Steps, handholds		Condition & cleanliness		
Lights, front and rear		Function, damaged lens, housing, or wiring		
Radiator		Debris between radiator & grill, fin blockage, leaks		
Safety cable for bed support		Check safety cable & coupling for wear, cracks, broken welds, cable being frayed (see rear of trucks in virtual walkaround inspection)		
ROPS (per O&MM)		Damage, loose mounting bolts		
Battery compartment		Cleanliness, loose nuts & bolts, connections		



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ENGINE COMPARTMENT (TOP PLATFORM)

Engine oil		Fluid Level (record of oil additions if equipped w/oil renewal system)		
Engine coolant		Fluid level (jacket water, aftercooler)		
Radiator		Fin blockage, leaks		
All Hoses		Cracks, wear spots, leaks		
All Belts		Tension, wear, cracks		
Overall Engine Compartment		Trash or dirt buildup, leaks		

ON THE MACHINE, OUTSIDE THE CAB (TOP PLATFORM)

Handholds		Condition and cleanliness		
Mirrors		Damage, adjust for best visibility		
ROPS		Damage, loose mounting bolts		
Dump body above platform		Damage, wear, distortion		
Precleaner		Debris		
Air filter		Restriction indicator, dust valves unplugged		
Steering system tank		Fluid level, damage, leaks		
Hoist and brake system tank		Fluid level, damage, leaks		
Fire extinguisher		Charge, damage		
Windshield, windows		Broken glass, cleanliness		
Windshield wipers / washers		Wear, damage / fluid level		
Air conditioner filter		Dirt, dust		
Doors		Open properly, broken glass		

INSIDE THE CAB

Seat		Adjustment, pedal reach, height, weight		
Seat belt & mounting		Damage, wear, adjustment, installed date, age (install by date)		
Horn, backup alarm, lights		Proper function		
Mirrors		Damage, adjust for best visibility		
Recirculation cab air filter		Dirt, dust		
Gauges, indicators, switches, controls		Damage, function, cleanliness		
Overall cab interior		Cleanliness		

Notes:

Inspected by: _____ Date: _____ Time: _____

