



# Safety & Maintenance Inspection (770-775)

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
<b>FROM THE GROUND</b>				
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		
Primary/secondary Air Tank (if equipped) B, C, D, E models				
Hoist cylinders		Wear, damage, leaks		
Dump body & truck frame		Damage, wear, distortion, presence of frame & body support pads		
Rear tire rock ejectors		Free movement, wear		
Rear axle		Leaks, damage, wear		
Torque converter case		Transmission/torque converter fluid level, damage, leaks		
Hoist, converter, and brake tank		Fluid level, damage, leaks		
Steps, handholds		Condition and 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		



# Safety & Maintenance Inspection (770-775)

What are you inspecting? ✓	What are you looking for? ✓	Evaluator Comments
----------------------------	-----------------------------	--------------------

## 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 & 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 oil 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: \_\_\_\_\_