



Safety & Maintenance Inspection

814F2/824K (HC), 834K/844K/854K (QM)

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
FROM THE GROUND				
Tires, wheels, stem caps, lug nuts		Inflation, leaks, damage, wear		
Blade, GET		Excessive wear, damage		
Blade lift and tilt cylinders, lines, hoses		Excessive wear, damage, leaks		
Loader frame arm		Excessive wear, damage		
Underneath machine		Leaks, damage		
Transmission, transfer case		T/C leaks		
Differentials and final drive oil		Fluid level		
Suspension cylinders		Leaks, proper cylinder height		
Fuel filters / water separator		Leaks / drain water (if equipped)		
Air tank (if equipped with air brakes)		Wear, damage, leaks		
Hydraulic oil tank, transmission oil		Fluid level, damage, leaks		
Axles - final drives, differentials, brakes, Duo-Cone seals		Leaks, damage, wear		
Torque converter case		Transmission & torque converter fluid level, damage, leaks		
Steps, handholds		Condition & cleanliness		
Lights, front and rear		Function, damaged lens, housing, or wiring		
Battery compartment		Cleanliness, loose nuts and bolts		
Diesel Exhaust Fluid (DEF) tank (if equipped)		Fluid level, check for debris buildup		
ROPS/FOPS		Damage, loose mounting bolts		
Overall machine		Loose or missing nuts & bolts, loose guards, cleanliness		

ENGINE COMPARTMENT (TOP PLATFORM)

Engine oil		Fluid level (record oil additions if equipped w/ oil renewal system)		
Engine coolant		Fluid level (jacket water, aftercooler)		
Radiator		Fin blockage, leaks		
All hoses and lines		Cracks, wear spots, leaks		
All belts		Tension, wear, cracks		
Fuel filters / water separator		Leaks / drain water (if equipped)		
Air filters		Restriction indicator		
Overall engine compartment		Trash or dirt buildup, leaks		



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What are you inspecting?	What are you looking for?	✓	Evaluator Comments
ON THE MACHINE, OUTSIDE THE CAB (TOP PLATFORM)			
Handholds	Condition, cleanliness		
Mirrors	Damage, adjust for best visibility		
ROPS/FOPS	Damage, loose mounting bolts		
Fire extinguisher	Charge, damage, date of inspection		
Windshield, windows	Broken glass, cleanliness		
Windshield wipers / washers	Wear, damage / fluid level		
Doors	Open properly, broken glass		
Air conditioner filter	Dirt, dust		
Battery compartment	Cleanliness, loose nuts & bolts, connections		

INSIDE THE CAB

Seat	Adjustment-height/weight, able to reach pedals		
Seat belt and mounting	Damage, wear, adjustment, age of seat belt, installation date		
Horn, backup alarm, lights	Proper function		
Travel pedals	Correct operation, free from debris		
Mirrors	Damage, adjust for best visibility		
Recirculation cab air filter	Dirt, dust		
Gauges, indicators, switches, controls	Damage, function		
Overall cab interior	Cleanliness, free from debris		

NOTES:

Inspected by: _____ Date: _____ Time: _____