

Safety & Maintenance Inspection (D9-D11)



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

Blade cutting edges, corner bits, moldboard	Excessive wear, damage, missing or loose bolts		
Blade tilt cylinders	Excessive wear, damage, leaks		
Push arm, trunnion	Damage, loose bolts, clearance		
Underneath machine	Final drive leaks, damage, debris		
Overall undercarriage	Packing, debris buildup		
Idlers & rollers	Leaks, damage, wear, mounting bolts		
Drive sprockets	Wear, damage, loose bolts		
Track assembly	Tightness, proper adjustment		
Final drive	Inspect for debris that may be wrapped around the drive		
Duo-cone seals	Check seals for oil leaks		
Ripper	Cylinder damage, wear, leaks		
Ripper shank, GET	Wear or damage, missing GET		
Lights, front & rear	Function, damage to lens, housing or wiring		
Blade & ripper linkage	Inspect the linkage for the blade & ripper Inspect fasteners for the linkage		
Steps & handholds	Inspect for damage & cleanliness Check for missing or loose bolts/hardware damage		
Overall machine	Loose or missing nuts & bolts, loose guards, cleanliness, fluid leaks		

ENGINE COMPARTMENT

Engine oil	Fluid level		
Engine coolant	Fluid level		
Transmission oil	Fluid level		
Air filter	Restriction indicator		
Radiator	Fin blockage, leaks		
Aftercooler	Inspect for debris buildup, coolant leaks, and damaged fins & tubes		
Fan	Inspect for damage to the blades or for oil leaks		
Fuel filters / water separator	Leaks / drain water (if equipped)		
Radiator	Fin blockage, leaks		
All hoses	Cracks, wear spots, leaks		
All belts	Tension, wear, cracks		
Overall engine compartment	Trash or dirt buildup, leaks		



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ON THE MACHINE, OUTSIDE THE CAB

Steps, handholds & deck	Condition & cleanliness	
ROPS	Damage, loose mounting bolts	
Fuel tank	Fuel level, damage, leaks, fuel cap	
Hydraulic oil tank	Fluid level, damage, leaks	
Fire extinguisher	Charge, damage, date of inspection	
Windshield, windows	Broken glass, cleanliness	
Windshield wipers / washers	Wear, damage / fluid level	
Pivot shaft reservoir	Oil level	
Pre-cleaner	Debris	
Fresh air filter	Dirt, dust	
Batteries & hold downs	Cleanliness, loose nuts & bolts	

INSIDE THE CAB

Seat	Adjustment, able to reach pedals	
Seat belt & mounting	Damage, wear, adjustment, installed date, age (install by date)	
Horn, backup alarm, lights	Proper function	
Recirculation cab air filter	Dirt, dust	
Indicators	Proper function	
Monitor panel	Proper function	
Switches	Proper function	
Travel controls	Correct operation, free from debris	
Mirrors	Proper adjustment, clean	
Heating & cooling	Proper function	
Overall cab interior	Cleanliness, free from debris	

NOTES:

Inspected by: _____ Date: _____ Time: _____