

Safety & Maintenance Inspection (D6N/D6T/D7E/D8T/D9T)



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 edge, corner bits, trash rack		Excessive wear, damage		
Blade tilt cylinders		Excessive wear, damage, leaks		
Push arm, trunnion		Damage, loose bolts, clearance		
Underneath machine		Final drive leaks, damage		
Undercarriage		Packing, debris buildup		
Idlers & rollers		Leaks, damage, wear		
Drive sprockets		Wear, damage, loose bolts		
Track assembly		Tightness		
Final drive		Debris wrapping around, leaks		
Transmission housing, strike bar		Damage or excessive wear		
Duo-cone seal		Oil leaks		
Lights, front and rear		Function, damage to lens, housing, or wiring		
Steps & handholds		Condition & cleanliness		
Overall machine		Loose or missing nuts & bolts, loose guards, cleanliness		

ENGINE COMPARTMENT

Engine oil		Fluid level		
Engine coolant		Fluid level		
Air filter		Restriction indicator		
Radiator		Debris buildup, coolant leaks, damaged fins and tubes		
Aftercooler		Debris buildup, coolant leaks, damaged fins and tubes		
Fan		Damage to blades, oil 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

ROPS	Damage, loose mounting bolts	
Fuel tank, guards	Fuel level, damage, leaks	
Diesel Exhaust Fluid (DEF) tank (if equipped)	Fluid level, debris buildup	
Hydraulic tank	Fluid level, damage, leaks	
Transmission oil	Fluid level	
Primary fuel filter	Drain water (per O&MM)	
Fire extinguisher	Charge, damage	
Windshield, windows, mirrors	Broken glass, cleanliness	
Windshield wipers/washers	Wear, damage/fluid level	
Precleaner	Debris	
Fresh air filter	Dirt, dust	
Battery Box	Cleanliness, loose nuts & bolts, connections	
Camera (if equipped)	Cleanliness, cracks, loose mounting	
Doors	Condition & cleanliness	

INSIDE THE CAB

Seat	Adjustment, pedal reach, height & weight adjustment	
Seat belt & mounting	Damage, wear, adjustment, age of seatbelt, installation date	
Horn, backup alarm, lights	Proper function	
Mirrors	Damage, adjust for best visibility	
Cab air filter	Dirt, dust	
Gauges, indicators, switches, controls	Damage, function	
Overall cab compartment	Cleanliness	

NOTES:

Inspected by: _____ Date: _____ Time: _____

