

Safety & Maintenance Inspection (120K-160K)



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

Steps and handholds		Condition and cleanliness, damage		
Tires, lug nuts, brakes		Inflation, damage, stem covers, securely fastened		
Tandem housings		Trash, dirt buildup, leaks		
Articulation area		Trash, dirt buildup		
Air reservoir (if equipped)		Drain water and sediment		
Transmission		Leaks		
Underneath machine		Differential and tandem leaks, debris		
Hydraulic oil tank		Fluid level, damage, leaks		
Covers and guards		Damage, secured		
Batteries and hold downs		Cleanliness, connections, loose nuts and bolts		
Fuel tank		Fuel level, damage, leaks; drain water and sediment, fuel cap		
Brake accumulators		Damage, leaks		
Hydraulic cylinders, tubes, hoses and fittings		Damage, leaks, mounting hardware		
Circle Assembly (from top)		Wear strips adjustment,		
Circle drive & circle teeth (from underneath)		Damaged teeth, wear, loose bolts, proper lubrication		
Front wheel spindle bearings		Leaks, lubrication		
All wheel drive motors (if equipped)		Damage, leaks		
Moldboard Side shift wear strip		Check adjustment, wear, cracks, loose rocks, debris		
Drawbar Ball & Socket		Loose bolts, missing bolts.		
Blade linkage		Damage, loose or missing bolts		
Ripper or scarifier (if equipped)		Damage, leaks, excessive wear		
Blade and end bits		Excessive wear or damage, mounting bolts		
Diesel exhaust fluid (DEF) tank (if equipped)		Fluid level, check for debris buildup		
Overall machine		Loose or missing nuts & bolts, loose guards, cleanliness		

ENGINE COMPARTMENT

Engine oil		Fluid level		
Engine coolant		Fluid level		
Engine precleaner		Dirt buildup		
All hoses		Cracks, wear spots, leaks		
Radiator		Fin blockage, leaks		
All belts		Tension, wear, cracks		
Air filter		Restriction indicator		
Overall engine compartment		Trash or dirt buildup, leaks		



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ON THE MACHINE, OUTSIDE THE CAB

Lights, lenses	Damage, cleanliness		
Mirrors, windows	Broken glass, cleanliness		
Fire Extinguisher	Date of last inspection or charging		
Windshield wipers / washers	Wear, damage / fluid level		
Doors	Open properly, broken glass		

INSIDE THE CAB

ROPS	Damage		
Seat	Adjustment-height/weight, able to reach pedals		
Seat belt and mounting	Damage, wear, adjustment, age of seat belt, installation date		
Fire extinguisher	Charge, damage, date of inspection		
Horn, backup alarm, lights	Proper function		
Mirrors	Damage, adjust for best visibility		
Cab air filter	Dirt, dust		
Gauges, indicators, switches, controls	Damage, function, cleanliness		

NOTES:

Inspected by: _____ Date: _____ Time: _____

