

Safety & Maintenance Inspection (D6-D8)



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

| | | |
|---|--|--|
| 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 | | |
| Diesel exhaust fluid (DEF) tank (if equipped) | | Fluid level, check for debris buildup | | |
| Hydraulic oil tank | | Fluid level, damage, leaks | | |
| Transmission oil | | Fluid level | | |
| 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: _____