## Safety & Maintenance Inspection (D6-D8)

Operator/Inspector Johan Ollikkala

Date 20191129 Time 14:00

Serial Number CAT00D6TCWLM00126

Machine Hours 7958



- 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 (0&MM) or any other applicable manuals and instructions for this product.
   If you have questions, please contact your local Cat dealer.

Blade actiting edges, corner bits   Stacessive wear, damage, missing or loose bolts   Stacessive wear, damage, leaks   Stacessive	What are you inspecting?	√	What are you looking for?	√	Evaluator Comments
Indebtoard	FROM THE GROUND				
Push arm, trunnion  Damage, loose bolts, clearance  Underneath machine  Verial drive leaks, damage, debris  Verial undercarriage  Packing, debris buildup  Vear on idlers, about 40% left  Wear, damage, wear, mounting bolts  Vear on idlers, about 40% left  Recently changed  Track assembly  Tightness, proper adjustment  Not checked  Inspect for debris that may be wrapped around the drive  Duccone seals  Check seals for oil leaks  Cyinder damage, wear, leaks  Ripper  Cyinder damage, wear, leaks  Ripper  Cyinder damage, wear, leaks  Ripper abank, GET  Wear or damage to leans, housing or wiring  Lights, front & rear  Vear of damage to leans, housing or wiring  Inspect for damage to leans, housing or wiring  Inspect to damage a Celanliness Check for missing or lose bolts/hardware damage  Check for missing or lose bolts/hardware damage  No ripper included  No ripper includes  Steps & handholds  No ripper included  No rip		<b>/</b>	Excessive wear, damage, missing or loose bolts	/	
Underneath machine  V Final drive leaks, damage, debris  Overall undercarriage  V Packing, debris buildup  V Leaks, damage, wear, mounting bolts  V Wear on idlers, about 40% left  Prove sprockets  V Wear, damage, loose bolts  V Recently changed  Track assembly  Tightness, proper adjustment  Not checked  Inspect for debris that may be wrapped around the drive  Ouo-cone seals  V Check seals for oil leaks  Ripper  C Cylinder damage, wear, leaks  Ripper  C Cylinder damage, wear, leaks  Ripper hinkage  No ripper included  No ripper included  No ripper included  No ripper included  V Inspect the linkage for the blade & ripper  Inspect the linkage for the blade & ripper  Inspect to damage & cleanliness  V Cheins left  ENGINE COMPARTMENT  Engine oil  Fluid level  Transmission oil  Fluid level  Transmission oil  Fluid level  Fluid level  Fan  V Inspect for demage in the blades or for oil leaks  Aftercooler  Final drive  Leaks / drain water (if equipped)  Rediator  V Final blockage, leaks  V Inspect for demage to the blades or for oil leaks  V Inspect for damage to the blades or for oil leaks  V Inspect for demage to the blades or for oil leaks  V Final blockage, leaks  V Inspect for damage to the blades or for oil leaks  V Final blockage, leaks	Blade tilt cylinders	<b>/</b>	Excessive wear, damage, leaks	<b>V</b>	
Overall undercarriage	Push arm, trunnion	<b>V</b>	Damage, loose bolts, clearance	/	
Idlers & rollers	Underneath machine	<b>V</b>	Final drive leaks, damage, debris	V	
Drive sprockets	Overall undercarriage	<b>V</b>	Packing, debris buildup	<b>V</b>	
Track assembly Tightness, proper adjustment Not checked  Final drive Inspect for debris that may be wrapped around the drive Volume of the debris that may be wrapped or included Volume of the debris that may be wrapped or included Volume of the debris that may be wrapped or included Volume of the debris that may be wrapped or included Volume of the debris that may be wrapped or included Volume or included V	Idlers & rollers	<b>/</b>	Leaks, damage, wear, mounting bolts	<b>V</b>	Wear on idlers, about 40% left
Final drive	Drive sprockets	/	Wear, damage, loose bolts	<b>V</b>	Recently changed
Duo-cone seals  Check seals for oil leaks  Cylinder damage, wear, leaks  No ripper included  Inspect for damage to lens, housing or wiring  Inspect the linkage for the blade & ripper inspect fasteners for the linkage for the blade & ripper linkage  Inspect for damage & cleanliness  Inspect for damage & cleanliness  Inspect for damage & cleanliness, fluid leaks found  Inspect for damage to the blades or for oil leaks  Inspect for debris buildup, coolant leaks, and damaged fins & tubes  Inspect for damage to the blades or for oil leaks  Inspect for dama	Track assembly	-	Tightness, proper adjustment	Ė	Not checked
Ripper	Final drive	<b>/</b>	Inspect for debris that may be wrapped around the drive	/	
Ripper shank, GET	Duo-cone seals	<b>/</b>	Check seals for oil leaks	<b>V</b>	
Ripper shank, GET	Ripper	_	Cylinder damage, wear, leaks		No ripper included
Blade & ripper linkage  Inspect the linkage for the blade & ripper Inspect fasteners for the linkage  Versul Manchine  Versul	Ripper shank, GET	<b>—</b>	Wear or damage, missing GET	_	
Steps & handholds  Vinspect for damage & cleanlines Check for missing or loose bolts/hardware damage  Overall machine  Vinspect for damage & cleanliness Check for missing or loose bolts/hardware damage  Vinspect for damage & cleanliness, Check for missing nuts & bolts, loose guards, cleanliness, fluid leaks found  ENGINE COMPARTMENT  Engine oil  Visit level  Fluid level  Transmission oil  Fluid level  Findid level  Air filter  Restriction indicator  Radiator  Visit level  Inspect for debris buildup, coolant leaks, and damaged fins & tubes  Fuel filters / water separator  Leaks / drain water (if equipped)  Radiator  All hoses  Visit level  Cracks, wear spots, leaks  All belts  Visit level  No fluid leaks found	Lights, front & rear	<b>V</b>	Function, damage to lens, housing or wiring	<b>V</b>	
Overall machine  Check for missing or loose bolts/hardware damage fluid leaks  No fluid leaks found  FNGINE COMPARTMENT  Engine oil  Fluid level  Fluid level  Fluid level  Fluid level  Fluid level  Transmission oil  Fluid level  Air filter  Restriction indicator  Fin blockage, leaks  Inspect for debris buildup, coolant leaks, and damaged fins & tubes  Fuel filters / water separator  Fuel filters / water separator  Radiator  All hoses  Cracks, wear spots, leaks  All belts  Tension, wear, cracks	Blade & ripper linkage	<b>V</b>	Inspect the linkage for the blade & ripper Inspect fasteners for the linkage	<b>V</b>	Chims left
Overall machine  Loose or missing nuts & bolts, loose guards, cleanliness, fluid leaks found  ENGINE COMPARTMENT  Engine oil  Engine coolant  Transmission oil  Fluid level  Fluid level  Fluid level  Fluid level  Fluid level  Fin blockage, leaks  Aftercooler  Fan  Inspect for damage to the blades or for oil leaks  Fuel filters / water separator  Fin blockage, leaks  All hoses  All belts  Tension, wear, cracks  No fluid leaks found	Steps & handholds	<b>/</b>	Inspect for damage & cleanliness Check for missing or loose bolts/hardware damage	<b>V</b>	
Engine oil  Engine coolant  — Fluid level  — Fluid	Overall machine	<b>/</b>	Loose or missing nuts & bolts, loose guards, cleanliness,	<b>V</b>	No fluid leaks found
Engine coolant Fluid level Stransmission oil Fin blockage, leaks Stransmission oil Fin blockage, leaks Stransmission oil Fin blockage, leaks Stransmission oil Fluid level Stransmission oil Fluid level Stransmission oil Fin blockage, leaks Stransmission oil Fluid level Stransmission oil Fin blockage, leaks Stransmission oil Fluid level Stransmission oil Fin blockage, leaks Stransmission oil Fluid level Stransmission oil Flu	ENGINE COMPARTMENT				
Transmission oil Fluid level	Engine oil	V	Fluid level	<b>V</b>	Oil level ok
Air filter	Engine coolant		Fluid level	_	
Radiator  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  All hoses  Cracks, wear spots, leaks  All belts  Tension, wear, cracks	Transmission oil	-	Fluid level		
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	Air filter		Restriction indicator	<b>/</b>	
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	Radiator	$\checkmark$	Fin blockage, leaks		
Fuel filters / water separator  Leaks / drain water (if equipped)  Radiator  Fin blockage, leaks  All hoses  Cracks, wear spots, leaks  Tension, wear, cracks	Aftercooler	<b>V</b>		<b>/</b>	
Radiator	Fan	/	Inspect for damage to the blades or for oil leaks	/	
All hoses / Cracks, wear spots, leaks / Tension, wear, cracks /	Fuel filters / water separator	<u> </u>	Leaks / drain water (if equipped)	<b>—</b>	
All belts Tension, wear, cracks	Radiator	<b>/</b>	Fin blockage, leaks	/	
V	All hoses	/	Cracks, wear spots, leaks	/	
Overall engine compartment / Trash or dirt buildup, leaks	All belts		Tension, wear, cracks	/	
	Overall engine compartment	V	Trash or dirt buildup, leaks	/	



## **Safety & Maintenance Inspection (D6-D8)**

What are you inspecting?	√	What are you looking for?	✓	Evaluator Comments
ON THE MACHINE, OUTSID	E THE	САВ		
Steps, handholds & deck	<b>V</b>	Condition & cleanliness	<b>V</b>	
ROPS	V	Damage, loose mounting bolts	V	
Fuel tank	<b>V</b>	Fuel level, damage, leaks, fuel cap	V	
Diesel exhaust fluid (DEF) tank (if equipped)	_	Fluid level, check for debris buildup	-	
Hydraulic oil tank	<b>V</b>	Fluid level, damage, leaks	×	Low fluid level
Transmission oil	_	Fluid level		
ire extinguisher	<b>V</b>	Charge, damage, date of inspection	<b>V</b>	
Windshield, windows	<b>V</b>	Broken glass, cleanliness	×	Cracked front windshield
Windshield wipers / washers	<b>/</b>	Wear, damage / fluid level	/	
Pivot shaft reservoir	-	Oil level	Ė	11000000
Pre-cleaner	_	Debris	_	
resh air filter	-	Dirt, dust		
Batteries & hold downs	<b>/</b>	Cleanliness, loose nuts & bolts	<b>V</b>	
NSIDE THE CAB				
eat	$\checkmark$	Adjustment, able to reach pedals	<b>V</b>	
eat belt & mounting	/	Damage, wear, adjustment, installed date, age (install by date)	Ż	
orn, backup alarm, lights	<b>V</b>	Proper function	/	
ecirculation cab air filter	_	Dirt, dust	i i	
ndicators	<b>/</b>	Proper function	/	
Ionitor panel	<b>/</b>	Proper function	/	
witches	<b>V</b>	Proper function	/	
ravel controls	<b>V</b>	Correct operation, free from debris	/	
lirrors	<b>/</b>	Proper adjustment, clean	<b>V</b>	
eating & cooling	<b>V</b>	Proper function	/	
verall cab interior	/	Cleanliness, free from debris	/	

Inspected by: _	Ton	Otto	Date: 29/11-19	Time: 15:35