



Safety & Maintenance Inspection: Off- Highway Trucks (777-797)

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Operator/Inspector _____ Date _____ Time _____
Serial Number _____ Machine Hours _____

What are you inspecting?	✓	What are you looking for?	✓	Evaluator Comments
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For more information, please refer to the Operation and Maintenance Manual or any other applicable manuals and instructions for this product. If you have questions, please contact your local Caterpillar dealer.

FROM THE GROUND

Tires, Wheels, Stem Caps	Inflation, Leaks, Damage, Wear		
Duo-cone seal area	Damage, Leaks		
Underneath Machine	Leaks, Damage		
Differentials, Brakes, Transmission	Leaks		
Front Suspension Cylinders	Leaks, Proper Cylinder Height		
Engine Area	Leaks, Damage, Belt / Hose Condition		
Engine Oil (785/789/793/797)	Fluid Level (Record Oil Additions if Equipped with Oil Renewal System)		
Fuel Filters / Water Separator	Leaks / Drain Water (if equipped)		
Fuel Tank	Mounting Brackets, Welds, Leaks, Drain Water and sediment		
Hoist Cylinders	Wear, Damage, Leaks		
Dump Body and Truck Frame	Damage, Wear, Distortion, Presence of Frame and Body Support Pads		
Rear Tire Rock Ejectors	Free Movement		
Primary Air Tank (777/793/797)	Drain Moisture		
Steps & Handholds	Condition & Cleanliness		
Torque Converter Case (793/797)	Transmission and Torque Converter Fluid Level, Damage, Leaks		
Hoist, Converter, and Brake Oil Tank (777/785/789)	Fluid Level, Damage, Leaks		
Steering Oil Tank (797)	Fluid Level, Damage, Leaks		
Transmission Oil Tank (777/785/789)	Fluid Level, Damage, Leaks		
Steps, Handholds	Condition and Cleanliness		
Lights, Front and Rear	Function, Damage to Lens, Housing, or Wiring		
Radiator	Debris between Radiator and Grill, Fin Blockage, Leaks		
ROPS	Damage, Loose Mounting Bolts		

ENGINE COMPARTMENT (TOP PLATFORM)

Engine Oil (777)	Fluid Level (Record Oil Additions if Equipped with Oil Renewal System)		
Engine Coolant	Fluid Level (jacket water, aftercooler)		
Radiator	Fin Blockage, Leaks		
All Hoses	Cracks, Wear Spots, Leaks		
All Belts	Tension, Wear, Cracks		
Overall Engine Compartment	Trash or Dirt Buildup, Leaks		

ON THE MACHINE, OUTSIDE THE CAB (TOP PLATFORM)

Handholds	Condition and Cleanliness		
Mirrors	Damage, Adjust for Best Visibility		
ROPS	Damage, Loose Mounting Bolts		
Dump Body above Platform	Damage, Wear, Distortion		
Pre-Cleaner	Debris		
Air Filter	Restriction Indicator, Dust Valves Unplugged		
Steering Oil Tank (777/785/789/793)	Fluid Level, Damage, Leaks		
Fire Extinguisher	Charge, Damage		
Windshield, Windows	Broken Glass, Cleanliness		
Windshield Wipers / Washers	Wear, Damage / Fluid Level		
Doors	Open properly, broken glass		
Air Conditioner Filter	Dirt, Dust		
Primary Air Tank (785/789)	Drain Moisture		
Secondary Air Tank	Drain		
Battery Compartment	Cleanliness, Loose Nuts & Bolts		

INSIDE THE CAB

Seat	Adjustment, Able to Reach Pedals		
Seat Belt & Mounting	Damage, Wear, Adjustment, Age		
Horn, Backup Alarm, Lights	Proper Function		
Mirrors	Damage, Adjust for Best Visibility		
Recirculation Cab Air Filter	Dirt, Dust		
Gauges, Indicators, Switches, Controls	Damage, function		
Overall Cab Interior	Cleanliness		

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