



Safety & Maintenance Inspection: Motor Graders

SAFETY.CAT.COM

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

What are you inspecting?	<input checked="" type="checkbox"/> What are you looking for?	<input checked="" type="checkbox"/> 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 GROUND

Steps And Handholds	Condition and cleanliness	
Tires, Lug Nuts, Brakes	Inflation, damage, stem covers	
Tandem housings	Trash, dirt buildup, leaks	
Articulation area	Trash or dirt buildup	
Air reservoir	Drain water and sediment	
Transmission	Leaks	
Underneath Of Machine	Differential and tandem leaks	
Hydraulic Oil Tank	Fluid level, damage, leaks	
Covers and guards	Damage, secured	
Batteries & Hold Downs	Cleanliness, loose bolts & nuts	
Fuel Tank	Fuel level, damage, leaks; drain water and sediment	
Hydraulic cylinders, tubes, hoses and fittings	Damage, leaks	
Circle drive	Leaks	
Front wheel spindle bearings	Leaks	
All wheel drive motors	Damage, leaks	
Blade linkage	Damage, loose or missing bolts	
Blade and end bits	Excessive wear or damage	
Overall Machine	Loose or missing nuts & bolts, Loose guards, cleanliness	

ENGINE COMPARTMENT

Engine Oil	Fluid level	
Engine Coolant	Fluid level	
Engine Precleaner	Dirt buildup	
Air Filter	Restriction indicator	
Radiator	Fin blockage, leaks	
All Hoses	Cracks, wear spots, leaks	
All Belts	Tightness, wear, cracks	
Overall Engine Compartment	Trash or dirt buildup, leaks	

ON THE MACHINE, OUTSIDE THE CAB

Lights, lenses	Damage, cleanliness	
Mirrors, windows	Damage, cleanliness	
Windshield Wipers & Washers	Wear, damage, fluid level	

INSIDE THE CAB

ROPS	Damage	
Seat	Adjustment, pedal travel	
Seat Belt & Mounting	Damage, wear, adjustment	
Fire Extinguisher	Charge, damage	
Horn, backup alarm, lights	Proper Function	
Controls, gauge lenses	Damage, cleanliness, operational	
Overall Cab Interior	Cleanliness	

[HTTP://SAFETY.CAT.COM](http://SAFETY.CAT.COM)

V0810.1



PRE-OPERATION SAFETY & MAINTENANCE INSPECTION CHECKLIST

To order more, contact your dealer or visit JohnDeere.com/SafetyChecklist.



JOHN DEERE



PRE-OPERATION SAFETY & MAINTENANCE INSPECTION

The Periodic Maintenance Checklist as outlined in the Operator's Manual has been completed and any necessary maintenance items have been addressed.

Operator: _____ Date: _____
 Model No: _____ Serial No: _____ Hours: _____

FROM THE GROUND [x]

Overall Machine Appearance	
ROPS, Grab Bars, Steps, Hand Holds	
Frame / Undercarriage	
Lights, Harnesses, Electrical Items	
Tires, Rims, Wheel Locks / Tracks	

[x]

Under the Machine	
Belts, Hoses, Hydraulic Cylinders	
Engine Compartment Cleanliness	
Cooler Cores	

IN THE OPERATOR'S STATION [x]

Cab Windows*	
Overall Cleanliness	
Operator's Manual (Present)	
Seat, Seat Belt, Buckle, Mount	
Mirrors, Rear Camera*	
Windshield Wipers*	
Defroster*	
Gauges, Indicator Lights, Switches	

[x]

Fuel	
Fire Extinguisher*	
Horn*	
Park Brake	
Brakes	
Steering / Secondary Steering	
Travel Alarm*, Back Up Alarm	
Diagnostic Trouble Codes	

FLUIDS [x] LEVEL ADDED/REPLACED AMOUNT

Engine Oil			
Hydraulic Oil			
Transmission Oil			
Engine Coolant			
Washer Fluid			
Fuel			
DEF*			

*IF EQUIPPED

COMMENTS

If observed condition of a component could affect safe operation, **DO NOT OPERATE**. Follow the company Lockout/Tagout Procedure or refer to the instructions in the Operator's Manual.

The responsible Operator, filling out this checklist, has been adequately trained to both complete the Pre-Operation Safety & Maintenance Inspection and to operate the equipment. The Operator confirms understanding of the safety standards for each component and is capable of properly addressing any observed issues using the correct procedure(s). This checklist is **NOT** intended to replace the Operator's Manual. It is the responsibility of the Operator to have read the Operator's Manual prior to completing this checklist or operating the machine. Individual companies may have their own required checks. Those checks may, or may not, be included in this list. It is the responsibility of the operator to check with the appropriate competent person for details. For additional information, refer to the Operator's Manual.

Daily Equipment Inspection



Date: _____

Township: _____

Truck\Equipment Description _____

Ok	Problem	
<input type="checkbox"/>	<input type="checkbox"/>	HEADLIGHTS
<input type="checkbox"/>	<input type="checkbox"/>	STOP/TAIL/TURN LIGHTS
<input type="checkbox"/>	<input type="checkbox"/>	RADIATOR FLUID
<input type="checkbox"/>	<input type="checkbox"/>	OIL
<input type="checkbox"/>	<input type="checkbox"/>	BATTERY
<input type="checkbox"/>	<input type="checkbox"/>	FAN BELTS
<input type="checkbox"/>	<input type="checkbox"/>	MIRRORS
<input type="checkbox"/>	<input type="checkbox"/>	PTO UNIT
<input type="checkbox"/>	<input type="checkbox"/>	HORN
<input type="checkbox"/>	<input type="checkbox"/>	WINDSHIELD WIPERS
<input type="checkbox"/>	<input type="checkbox"/>	DEFROSTERS
<input type="checkbox"/>	<input type="checkbox"/>	STEERING
<input type="checkbox"/>	<input type="checkbox"/>	TRANSMISSION
<input type="checkbox"/>	<input type="checkbox"/>	CLUTCH
<input type="checkbox"/>	<input type="checkbox"/>	PTO/THROTTLE CABLES
<input type="checkbox"/>	<input type="checkbox"/>	SPEEDOMETER\TACHOMETER
<input type="checkbox"/>	<input type="checkbox"/>	PARKING BRAKE -BRAKE LOCK
<input type="checkbox"/>	<input type="checkbox"/>	SERVICE BRAKES
<input type="checkbox"/>	<input type="checkbox"/>	2-WAY RADIO
<input type="checkbox"/>	<input type="checkbox"/>	BACK UP ALARM
<input type="checkbox"/>	<input type="checkbox"/>	FUEL
<input type="checkbox"/>	<input type="checkbox"/>	FRAME
<input type="checkbox"/>	<input type="checkbox"/>	DRIVE LINE/U-JOINT
<input type="checkbox"/>	<input type="checkbox"/>	SUSPENSION
<input type="checkbox"/>	<input type="checkbox"/>	TIRES/PRESSURE
<input type="checkbox"/>	<input type="checkbox"/>	TIRE CHAINS
<input type="checkbox"/>	<input type="checkbox"/>	EXHAUST/MUFFLER
<input type="checkbox"/>	<input type="checkbox"/>	MUD FLAPS
<input type="checkbox"/>	<input type="checkbox"/>	HYDRAULIC HOSES, VALVES, LEVERS
<input type="checkbox"/>	<input type="checkbox"/>	LATCHES, DOOR CHECKS
<input type="checkbox"/>	<input type="checkbox"/>	TOW SLING/TOW BAR
<input type="checkbox"/>	<input type="checkbox"/>	SLING STRAPS
<input type="checkbox"/>	<input type="checkbox"/>	WIRE ROPE
<input type="checkbox"/>	<input type="checkbox"/>	SHEAVES

Ok	Problem	
<input type="checkbox"/>	<input type="checkbox"/>	SNATCH BLOCKS
<input type="checkbox"/>	<input type="checkbox"/>	WINCHES
<input type="checkbox"/>	<input type="checkbox"/>	WHEEL LIFT
<input type="checkbox"/>	<input type="checkbox"/>	TOW CHAINS
<input type="checkbox"/>	<input type="checkbox"/>	T-HOOK, J-HOOK ASSEMBLIES
<input type="checkbox"/>	<input type="checkbox"/>	SAFETY CHAINS
<input type="checkbox"/>	<input type="checkbox"/>	JACK STANDS
<input type="checkbox"/>	<input type="checkbox"/>	JACK
<input type="checkbox"/>	<input type="checkbox"/>	V-ASSEMBLIES
<input type="checkbox"/>	<input type="checkbox"/>	TIE DOWN STRAPS-RATCHETS
<input type="checkbox"/>	<input type="checkbox"/>	STEERING WHEEL LOCK
<input type="checkbox"/>	<input type="checkbox"/>	SCOTCH BLOCKS
<input type="checkbox"/>	<input type="checkbox"/>	TRASH CAN
<input type="checkbox"/>	<input type="checkbox"/>	SHOVEL/BROOM
<input type="checkbox"/>	<input type="checkbox"/>	PRY BAR
<input type="checkbox"/>	<input type="checkbox"/>	HITCH(ES)

Ok	Problem	
<input type="checkbox"/>	<input type="checkbox"/>	FUEL CAN(S)
<input type="checkbox"/>	<input type="checkbox"/>	FIRE EXTINGUISHER
<input type="checkbox"/>	<input type="checkbox"/>	TOW LIGHTS
<input type="checkbox"/>	<input type="checkbox"/>	STROBES-ROTATORS LIGHTBAR
<input type="checkbox"/>	<input type="checkbox"/>	WORK LIGHTS
<input type="checkbox"/>	<input type="checkbox"/>	CLEARANCE LIGHTS
<input type="checkbox"/>	<input type="checkbox"/>	JUMPSTART EQUIPMENT
<input type="checkbox"/>	<input type="checkbox"/>	FLARE-TRIANGLE-FLAGS
<input type="checkbox"/>	<input type="checkbox"/>	DOOR TOOLS/MANUAL
<input type="checkbox"/>	<input type="checkbox"/>	TOOL KIT
<input type="checkbox"/>	<input type="checkbox"/>	LUG WRENCH SET
<input type="checkbox"/>	<input type="checkbox"/>	FLASH LIGHT
<input type="checkbox"/>	<input type="checkbox"/>	FIRST AID KIT
<input type="checkbox"/>	<input type="checkbox"/>	SAFETY VEST
<input type="checkbox"/>	<input type="checkbox"/>	RAIN GEAR
<input type="checkbox"/>	<input type="checkbox"/>	GLOVES
<input type="checkbox"/>	<input type="checkbox"/>	TOWING MANUAL

Body Damage: _____

OVERALL APPEARANCE : EXCELLENT GOOD POOR

OIL ADDED (QTS): _____ FUEL ADDED(GALS): _____

MISCELLANEOUS: _____

Person inspecting Unit _____