



## Used Farm Tractor Inspection Checklist

	INSPECTION QUESTIONS	NOTES
Year		
Make of Tractor		
Model of Tractor		
Serial Number		
Total Hours		
PTO Horsepower		
Engine Horsepower		
2WD or 4WD?		
Name and Contact Details of the Seller	Name: Address:  Telephone:  Email:	
Engine Type	What type of engine does it have? <ul style="list-style-type: none"> <li>• Gas Engine</li> <li>• Diesel Engine</li> </ul>	
Maintenance Log	Was there a detailed maintenance log? <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> Did the owner purchase it from a dealer or used?  Why are they selling the tractor?	



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	<p>What type of work was the tractor used for?</p> <p>Was the tractor stored inside or outside?</p>	
<p>Engine Oil <i>(Check this when engine is cold)</i></p>	<p>What was the colour of the engine oil when you wiped it on a piece of paper towel?</p> <ul style="list-style-type: none"> <li>• Golden Colour</li> <li>• Brown Colour</li> <li>• Grey Colour</li> <li>• Black Colour</li> </ul> <p>Was the dipstick level between 'full' and "add" mark?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Are there any signs of black slug on the oil cap or engine?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Are there any signs of leaking or poor seals? If yes, note how much.</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	
<p>Hydraulic Fluid</p>	<p>Is the fluid at the maximum mark?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Are there any signs of leaking or poor seals? If yes, note how much.</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	
<p>Radiator Coolant</p>	<p>Is the fluid at the maximum mark?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Are there any signs of leaking or poor seals? If yes, note how much.</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	



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	<p>Is the fluid a nice rich dark green colour?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	
<p>Power Steering</p>	<p>Is the fluid at the maximum mark?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Are there any signs of leaking or poor seals? If yes, note how much.</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	
<p>Front Axle Oil</p>	<p>Is the fluid at the maximum mark?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Are there any signs of leaking or poor seals? If yes, note how much.</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	
<p>Hydraulic System</p>	<p>Did it pass a pressure test?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>How many hydraulic outlets are there?</p> <hr/> <p>How many auxiliary lines are there?</p> <hr/>	
<p>Air Filter</p>	<p>Can you look through the air filter from the inside by holding a light up to it?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Is the date and hours of the last replacement written on the filter?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	



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Oil Filter	<p>Is the date and hours of the last replacement written on the filter?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Is the type of oil used written on the filter? If yes, note it.</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	
Power Take Off Shaft	<p>Is the PTO shaft running rotating smoothly?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Are there any unusual sounds?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	
Tire Tread Depth	<p>What is the tire tread depth?</p> <hr/>	
Overall Tire Condition	<p>Are there any cracks?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Are there any signs of bulging?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Do they have any issues with holding air?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Are all the valve stems on all the tires strong, sturdy, rust-less and crustless?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	
Tread Type on Tires	<p>What type of tread are on the tires?</p> <ul style="list-style-type: none"> <li>• R1 -bar tread</li> <li>• R2 - turf tread</li> <li>• R3 - industrial tread</li> </ul>	
Ballast Tires	<p>Are the tires ballast?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	



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	<p>What type of ballast are in the tires?</p> <ul style="list-style-type: none"> <li>• Water</li> <li>• Automotive Antifreeze</li> <li>• Windshield Washer Fluid</li> <li>• Beet Juice (RimGuard)</li> <li>• Polyurethane Foam</li> <li>• Calcium Chloride</li> <li>• Other _____</li> </ul>	
Battery	<p>Are all the connections wired tightly?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Are all the connections free of corrosion?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Is the battery charge reading larger than 9 volts?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	
Seat	<p>Is the seat in good condition?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Is the seat comfort for you?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Is the seat belt working?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Is the range of seat adjustment work for you?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Does the engine turn off when you dismount from the seat?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	



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Cab of the Tractor	<p>Is the overall cab body been well maintained?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>If an enclosed cab body, are all mounting pieces working?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	
Control Panel	<p>Are the controls within easy reach for you?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Do the following meters work?</p> <ul style="list-style-type: none"> <li>• Amp Meter <ul style="list-style-type: none"> <li>○ Yes</li> <li>○ No</li> </ul> </li> <li>• Hour Meter <ul style="list-style-type: none"> <li>○ Yes</li> <li>○ No</li> </ul> </li> <li>• Fuel Meter <ul style="list-style-type: none"> <li>○ Yes</li> <li>○ No</li> </ul> </li> <li>• Temperature Gauge <ul style="list-style-type: none"> <li>○ Yes</li> <li>○ No</li> </ul> </li> <li>• Oil Pressure Gauge <ul style="list-style-type: none"> <li>○ Yes</li> <li>○ No</li> </ul> </li> </ul> <p>Are all the meter and gauge reading within a healthy and acceptable level? If no, explain which ones in the notes section.</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Are all the guidance system displays, receivers and other electronic components in working order?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	



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	<p>Is the air conditioning working?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Is the heating working?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Do the lights and signals work and are in good condition?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	
Visibility While on Tractor	<p>How is your visibility at the front of the tractor?</p> <p>Turnaround and assess your visibility at the back of the tractor.</p>	
Articulation Points	<p>Are all the major articulation points on the tractor greased?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Are the pedals smooth and sturdy?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	
Gears, Steering and Brakes	<p>Drive the tractor back and forth. Do you feel a knocking when moving?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Do you notice any gear slippage or chattering?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>Let go of the steering wheel. Does it pull hard left or right?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	



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	<p>Is steering tight or difficult?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>	
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After you have driven the tractor for 30mins do the following post inspection items:

- Walk around the tractor and see if there are any signs of leaks. Place the piece of cardboard back under it using the opposite side of the cardboard so you can clearly see if anything fluid leaks on to it.
- Check the temperature gauge.

### REMINDER – Items to Bring with You

	Description of Item
	Voltmeter to check the charge of the battery. <i>Reminder</i> – a reading below nine volts means you will need a new battery.
	Depending on how many tractors you are going to view, bring the appropriate amount of cardboard. The pieces of cardboard should be large enough to fit under the engine of the tractor to capture evidence of any oil, coolant, or other leaks.
	A tire tread gauge.
	An old white cloth or paper towel to wipe the engine oil dipstick on.
	Depending on how many tractors you'll be viewing, 2 or more copies of this tractor inspection checklist.