



**Albatross Equipment Earthworks**  
10998 WY-789 Riverton, WY 82501  
[www.albatrossequipment.com](http://www.albatrossequipment.com)

## **Inspection Checklist for 2000 JOHN DEERE 7810**



### **Engine**

- • Engine Operation: Engine starts smoothly, runs consistently with no unusual noises or smoke.
- • Oil Levels: Checked engine oil levels – oil is within optimal range, clean, and free from contamination.
- • Coolant Levels: Coolant checked; adequate levels, no leaks detected.
- • Air Filter: Inspected air filter; clean and functioning properly.
- • Fuel System: Fuel lines and connections inspected – no leaks, proper fuel delivery noted.

### **Transmission**

- • Partial Power Shift: Tested operation of partial power shift – smooth and responsive shifting through all ranges.
- • Fluid Levels: Transmission fluid is clean and within the optimal range.
- • Linkages: Transmission linkages inspected; all components are tight and responsive.

### **Hydraulic System**

- • Rear Remotes (3): All three rear hydraulic remotes tested – fully operational with no leaks or delays.
- • Hydraulic Fluid: Hydraulic fluid level is proper with no visible contamination.
- • Hoses and Lines: All hydraulic hoses inspected; no visible leaks, cracks, or wear.

- • 3-Point Hitch: Inspected hitch operation – fully functional, with smooth and responsive lifting.

### **PTO (Power Take-Off)**

- • RPM Modes: Tested PTO at 540 and 1,000 RPM – operates properly with no vibrations or unusual noise.
- • PTO Shaft: Shaft inspected; no wear or visible damage.

### **Chassis and Frame**

- • Frame Integrity: Frame inspected; no visible cracks, welds, or significant rust.
- • Front Fenders: Front fenders secure and in good condition.
- • Weights: 10 front weights and 2 rear wheel weights securely in place with no damage or wear.

### **Tires and Wheels**

- • Front Tires: Good condition with 70-80% tread life remaining.
- • Rear Tires: Inside rear tires are like new (90-95% tread life remaining), outer tires in good condition.
- • Wheel Weights: Rear wheel weights secure and free of corrosion.

### **Cab and Controls**

- • Operator Station: Cab clean and well-maintained.
- • Gauges and Indicators: All gauges (RPM, fuel, temperature, etc.) and indicators are functional.
- • Controls: All controls tested; responsive and functioning correctly.
- • Seat: Seat is intact, adjustable, and in good condition.
- • Windows: Glass intact with no cracks or chips.

### **Electrical System**

- • Lights: All exterior lights (headlights, brake lights, work lights) function correctly.
- • Battery: Battery inspected – clean terminals, holds charge properly.
- • Wiring: Inspected wiring harnesses – no frays or loose connections.

### **Operational Test**

- • Engine Performance: Engine performed well under load – no overheating, noises, or drop in power.
- • Transmission Test: Smooth transition through all power shift ranges.
- • Hydraulic Performance: Hydraulic functions strong and smooth with no lag.
- • Brakes: Brakes tested – responsive and even braking.
- • Steering: Steering tight and precise; no play or irregular noises.

- • PTO Test: PTO engaged and disengaged seamlessly at both speeds (540/1000 RPM).

### **General Notes**

Tractor operated as it should during inspection with no visible mechanical issues.

Overall condition is **\*\*good\*\***, with minor cosmetic wear consistent with hours and age.

Tires, hydraulic system, and power take-off are in excellent operational condition.

### **Conclusion**

This 2000 John Deere 7810 has been thoroughly inspected and found to be in good operating condition. The engine, transmission, hydraulics, PTO, and tires are functioning as expected, and the machine is ready for immediate work.