



Albatross Equipment Earthworks
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Inspection Checklist for 1997 JOHN DEERE 7810



Engine

- **Engine Startup:** Smooth startup with no unusual noises or smoke. Engine runs strong and responsive.
- **Idle and Acceleration:** No lag, hesitation, or surges detected during idle and throttle-up tests.
- **Oil Levels:** Checked oil levels. Oil is clean with no contamination.
- **Coolant System:** Radiator and coolant checked. No leaks, blockages, or overheating detected.
- **Fuel System:** Inspected fuel lines, tank, and injectors. No visible leaks or fuel odors.
- **Exhaust System:** Exhaust is clear. No excessive smoke or residue.

Transmission

- **19-Speed Powershift Transmission:** Shifts smoothly through all gears with no grinding or lag.
- **Clutch Operation:** Clutch engages and disengages properly with no slipping.
- **Linkages:** Inspected transmission linkages for wear and proper operation. All linkages in good condition.

Hydraulic System

- **Hydraulic Remotes:** 3 sets of remotes tested and functioning without leaks or delays.
- **Hydraulic Pump:** Pump pressure and flow are optimal. No unusual noises.
- **Hoses and Connections:** Inspected for leaks, cracks, or worn-out fittings. All are intact.
- **Hydraulic Oil Level:** Fluid at proper level, clean with no contamination.

PTO (Power Take-Off)

- **PTO Speeds:** Tested at 540 and 1000 RPM. PTO engaged and disengaged smoothly.
- **Operation:** PTO runs properly with no vibration, unusual noises, or resistance.

Tires and Wheels

- **Rear Tires:** 18.4R42 rear tires inspected. Tread depth at 90% remaining.
- **Dual Tires:** Dual rear tires are brand new and balanced correctly.
- **Wheel Weights:** Rear wheel weights are securely attached with no damage.
- **Front Tires:** Front tires show minimal wear (70% life remaining). No cracks or bulges.

Chassis and Frame

- **Overall Structure:** Inspected frame and chassis for cracks, rust, or welds. Frame is in excellent condition.
- **Front Fenders:** Securely attached. No cracks or damage.
- **Mirrors:** Mirrors inspected and adjusted. No cracks or loose fittings.

Cab and Controls

- **Cab Condition:** Interior is clean and well-maintained.
- **Seat and Controls:** Buddy seat and operator seat in excellent condition with no tears or wear.
- **AC/Heat:** Tested air conditioning and heat. Both systems operational.
- **Radio:** Radio fully functional with clear audio.
- **Instrumentation Panel:** Gauges and lights tested; all functioning properly.

- **Windows and Doors:** Windows are intact, no cracks. Doors open and close securely.

Electrical System

- **Battery:** Battery tested and fully charged.
- **Lighting System:** All lights (headlights, taillights, and cab lights) functioning properly.
- **Wiring Harness:** Inspected wiring for fraying, corrosion, or loose connections.
- **Alternator and Starter:** Both tested and performing as expected.

Brakes and Steering

- **Braking System:** Brakes tested under load. Excellent stopping power with no noises.
- **Steering:** Steering system responsive with no play or resistance.

Final Notes

- The 1997 John Deere 7810 has been inspected thoroughly and is in Good Condition with only 4,473 original hours.
- Engine, transmission, hydraulic system, and PTO are fully functional and show minimal wear.
- Tires, duals, and wheel weights are in excellent shape.
- Cab features, including auto steer, AC/heat, and controls, are operational and clean.
- This tractor is work-ready with no immediate maintenance required. All systems operate as intended.