



Albatross Equipment Earthworks
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Inspection Checklist for 2003 JOHN DEERE 7810

Tractor Model: 2003 JOHN DEERE 7810
Machine Hours: 4,392
Condition: Very Clean



Engine and Powertrain

- **Engine Oil and Filter:** Checked oil levels; oil is clean and at optimal levels. No signs of contamination or leaks detected.
- **Cooling System:** Radiator and coolant levels inspected; coolant at proper levels, with no leaks or blockages found in the system. Fan and belts are in good condition.
- **Air Filter:** Inspected primary and secondary air filters; both are clean and functional with no need for immediate replacement.
- **Fuel System:** Fuel filter inspected; no signs of water or debris contamination. Fuel lines and connections are tight, with no leaks.
- **Exhaust System:** Exhaust pipes and muffler inspected; no cracks or signs of excessive rust. No abnormal emissions noted during operation.
- **Transmission:** Power Quad transmission tested; smooth gear shifting observed with no unusual noises or vibrations. Fluid levels are appropriate.
- **Clutch:** Clutch performance checked; no slippage or wear issues detected.

Hydraulic System

- **Hydraulic Fluid Levels:** Checked and topped off; fluid is clean with no contamination.
- **Hydraulic Hoses and Lines:** All hoses inspected for wear, cracks, or leaks; no issues found.
- **Hydraulic Pump:** Pump tested; operating at correct pressure with no abnormal noises.

- **Rear SCVs (Selective Control Valves):** Tested for proper flow and function; all valves working as intended.
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PTO (Power Take-Off)

- **PTO Operation:** Engaged and disengaged PTO at rated speed; operates smoothly with no unusual vibrations or noises.
 - **PTO Shaft:** Inspected for wear or damage; shaft is in excellent condition.
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Chassis and Exterior

- **Frame and Body:** Inspected for cracks, welds, or rust; chassis and frame are in excellent condition with minor paint wear consistent with age.
 - **Lighting System:** All exterior lights, including headlights, brake lights, and turn signals, tested and functional.
 - **Hood and Panels:** Hood opens and closes smoothly; panels securely attached with no major dents or damage.
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Cab and Interior

- **Seat and Controls:** Operator seat inspected; minor wear noted but remains comfortable and functional. All controls are responsive and easy to operate.
 - **Instrumentation:** Gauges, electronic displays, and warning lights tested; all functioning as expected.
 - **Climate Control:** Heating and ventilation system inspected; operating effectively.
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Tires and Wheels

- **Front Tires:** 18.4R42 tires inspected; tread wear at approximately 70%, with even wear patterns.
 - **Rear Duals:** Inspected dual tires; tread wear at approximately 70%, with no signs of cracks or punctures.
 - **Rims and Lug Nuts:** Checked for tightness and damage; rims are in excellent condition, and all lug nuts are secure.
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Operational Testing

- **Engine Performance:** Tractor started easily; idling and throttle response are smooth. No unusual noises or vibrations observed during operation.
 - **Steering and Brakes:** Power steering operates smoothly; brakes tested with no signs of fading or lag.
 - **4WD System:** Engaged and disengaged 4WD; system operates correctly.
 - **Loader Attachments:** [If applicable, note specific loader details and condition.]
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General Observations

- Overall condition is **very clean** for the age and machine hours.
 - Minor cosmetic wear consistent with normal use.
 - No significant issues found; the tractor is work-ready.
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Inspector's Notes

This 2003 JOHN DEERE 7810 has been thoroughly inspected and is in excellent working order for its hours and age. Regular maintenance appears to have been performed, and the machine is ready for immediate use. Dual tires and Power Quad transmission ensure robust performance for agricultural or industrial tasks.