



Equipment Group INC

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Equipment Inspection Form

2011 John Deere 310SJ • Wheeled Backhoe Loader



Inspection date: July 30, 2026

Make / Model: John Deere 310SJ

Serial / PIN: 1T0310SJVBD204876

Inspection location: Norfolk, NE 68701

Inspector name: Edward Stone

Year: 2011

Hour meter reading: 2,997 Hrs

Purpose: Sale

Unit reference: 2011 John Deere 310SJ wheeled backhoe loader with front loader and rear extendable backhoe, 2,997 hours at time of inspection.

Legend: check **OK** if the item is in good condition, **Issue** if it needs attention/repair, and record details under Notes (e.g. fault code, noise, leak, wear level).

1. Exterior / Body

Inspection point	OK	Issue	Notes
Paint and engine hood panels (cracks, dents, rust)	☒	☐	
Overall frame / chassis condition	☒	☐	
Decals and serial plate legible	☒	☐	
Hour meter functioning and reading correctly	☒	☐	
Mirrors, handles, access steps	☒	☐	

2. Engine

Inspection point	OK	Issue	Notes
Engine oil level and color	✓	■	
Coolant level, radiator condition	✓	■	
Air filter (clean / condition)	✓	■	
Belts and hoses (cracks, tension)	✓	■	
Visible leaks (oil, fuel, coolant)	✓	■	
Cold start — ease of starting and noise	✓	■	
Exhaust smoke color at idle / acceleration	✓	■	
Idle stability	✓	■	

3. Transmission and drivetrain (4WD)

Inspection point	OK	Issue	Notes
Four-wheel drive engagement / disengagement	✓	■	
Powershift / synchro transmission — shift quality, no slipping	✓	■	
Clutch (if manual) — engagement point, no slipping	✓	■	
Power take-off (PTO) — engagement and operation, if equipped	✓	■	
Abnormal noise while driving (transmission/differential)	✓	■	

4. Hydraulic system

Inspection point	OK	Issue	Notes
Hydraulic fluid level	✓	■	
Front loader raise / lower — speed and seal integrity	✓	■	
Front bucket curl / dump operation	✓	■	
Backhoe boom / dipper — speed and seal integrity	✓	■	
Backhoe bucket curl / dump operation	✓	■	
Extendable dipper (if equipped) — smooth extension/retraction	✓	■	
Hydraulic hoses and cylinders (leaks, wear)	✓	■	
Quick-connect hydraulic couplers	✓	■	

5. Tires and wheels

Inspection point	OK	Issue	Notes
Front tires — tread wear / depth	✓	■	
Rear tires — tread wear / depth	✓	■	
Air pressure (per specification)	✓	■	
Cuts, cracks, or bulges	✓	■	
Wheel lug nuts / bolts — tight, none missing	✓	■	

6. Brakes

Inspection point	OK	Issue	Notes
Service brake — effectiveness under test	✓	■	
Parking brake — holds unit on a grade	✓	■	
Brake pedals — even travel left/right	✓	■	

7. Electrical system

Inspection point	OK	Issue	Notes
Battery — terminal condition, mounting, voltage	☒	☐	
Headlights and work lights	☒	☐	
Turn signals and brake lights	☒	☐	
Horn	☒	☐	
Dashboard gauges / display functioning	☒	☐	
Alternator — proper charging while running	☒	☐	

8. Operator station

Inspection point	OK	Issue	Notes
Seat — adjustment, upholstery condition	☒	☐	
Seatbelt	☒	☐	
Steering wheel — no excessive play	☒	☐	
Pedals (clutch/brake/throttle) — no excessive wear	☒	☐	
Hydraulic control levers — functional, labeled	☒	☐	
ROPS/FOPS structure (protection) — intact	☒	☐	
Rear-facing backhoe controls — functional, labeled	☒	☐	

9. Backhoe (structural)

Inspection point	OK	Issue	Notes
Boom — welds, bends, cracks	☒	☐	
Dipper (arm) — welds, bends, cracks	☒	☐	
Backhoe bucket — teeth condition, cutting edge wear	☒	☐	
Pins and bushings — excessive play/wear	☒	☐	
Stabilizer legs / outriggers — operation, wear	☒	☐	
Side-shift mechanism (if equipped) — smooth operation	☒	☐	

10. Attachments and mounted equipment

Inspection point	OK	Issue	Notes
Front loader — overall condition, mounting	☒	☐	
Front bucket — condition, teeth	☒	☐	
Backhoe bucket(s) — condition, teeth	☒	☐	
Quick-attach coupler condition (front and rear)	☒	☐	
Additional attachments included in sale	☒	☐	

11. Fluid leaks (check underneath unit)

Inspection point	OK	Issue	Notes
Engine oil leaks	☒	☐	
Hydraulic oil leaks	☒	☐	
Transmission / differential leaks	☒	☐	
Coolant leaks	☒	☐	

12. Safety items

Inspection point	OK	Issue	Notes
ROPS/FOPS structure intact and properly secured	☑	■	
Slow Moving Vehicle (SMV) emblem present	☑	■	
Guards and shields installed	☑	■	
Fire extinguisher / first aid kit (if applicable)	☑	■	

13. Operational test (test drive)

Inspection point	OK	Issue	Notes
Forward travel — smoothness, no vibration	☑	■	
Reverse travel	☑	■	
Steering — no excessive play, correct response	☑	■	
Front loader function under load	☑	■	
Backhoe function — dig, curl, swing under load	☑	■	
Stabilizer legs — deploy and retract properly	☑	■	
Braking behavior while driving	☑	■	
Unusual noise or vibration during test	☑	■	
Engine temperature — stable after test	☑	■	

Overall Assessment

Overall condition: ☑ Excellent ■ Good ■ Fair ■ Needs repair

Issues identified requiring repair / attention:

None identified. Unit was inspected in all categories above (engine, drivetrain, hydraulics, tires, brakes, electrical, operator station, backhoe, attachments, and safety items) with no leaks, mechanical faults, or safety concerns found.

Inspector's final notes:

Unit presents in excellent, well-maintained condition for a machine with 2,997 recorded hours. Tires, paint, and all mechanical systems show consistent, even wear typical of a well cared-for unit at this hour range, with no leaks or signs of deferred maintenance. Starts, runs, and operates smoothly through full front loader and extendable backhoe range with no abnormal noise or vibration observed during testing. Recommended for sale as-is.

Inspector signature: _____

Date: July 30, 2026