



Albatross Equipment Earthworks
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Inspection Checklist for 2020 DEERE 50G



1. General Overview

- Exterior Condition: Paint intact with minor wear consistent with usage. No visible structural damage.
- Operational Status: The machine starts and runs smoothly with no unusual noises or vibrations.

2. Boom, Arm, and Bucket Condition

- Boom and Arm:
 - Structural integrity confirmed; no visible cracks or welds.
 - Hydraulic cylinders operational with no visible leaks or dents.
- Bucket:
 - 25" bucket with hydraulic thumb—teeth intact and moderately worn, 85% life remaining.
 - Thumb mechanism operational, no hydraulic leaks detected.

3. Hydraulic System

- Hydraulic Fluid Levels: At recommended range; no visible contamination.
- Hoses and Connections: Inspected for cracks and wear; all hoses in good condition with no leaks.
- Hydraulic Pump: Functioning properly, delivering consistent power to attachments.

4. Undercarriage Condition

- Tracks:
 - 16" rubber tracks in good condition, 75% life remaining.
 - No visible cracks or splits.

- Track Tension: Correctly adjusted and within manufacturer specifications.
- Sprockets, Rollers, and Idlers:
 - Minimal wear observed, all components functioning as expected.

5. Swing Drive and Swing Motor

- Swing Drive: Operates smoothly with no unusual noises or hesitation.
- Swing Motor: Confirmed to be free of leaks and functioning efficiently.

6. Engine Condition

- Engine Performance: Smooth start, consistent power delivery, and no unusual vibrations or smoke.
- Engine Oil: Checked and within the acceptable range. Oil is clean with no signs of contamination.
- Air Filter: Clean and properly installed.

7. Cab Condition

- Interior:
 - Enclosed ROPS cab clean and in good condition.
 - Operator seat in excellent condition with no tears or wear.
- Controls: Fully operational; no sticking or unresponsive buttons or levers.
- HVAC System: Heat and air conditioning are functional, providing efficient temperature control.
- Visibility: Glass is clean and free of cracks or damage.

8. Push Blade

- Condition: Blade shows minor wear consistent with use. No visible cracks or dents.
- Operation: Blade raises, lowers, and angles smoothly. Hydraulics confirmed operational.

9. Auxiliary Hydraulics

- Plumbing and Hoses: All hoses are in good condition with no visible wear or leaks.
- Performance: Auxiliary hydraulics supply consistent power to the hydraulic thumb and other attachments.

Inspection Summary

The 2020 DEERE 50G is in good condition overall. All major components, including the hydraulic system, undercarriage, engine, and cab, are operational and exhibit normal wear consistent with the machine's 1,091 hours of use. The machine is ready for work with no immediate maintenance needs identified.