



**Albatross Equipment Earthworks**  
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## Inspection Checklist for 2017 BOBCAT T870



### Exterior Condition

- Loader Arms: Inspected for cracks, bends, or excessive wear. — No issues detected.
- Paint: Overall good condition, minor scratches consistent with machine use. — No significant damage.
- FOPS (Falling Object Protective Structure): Inspected for structural integrity. — No damage or deformities.

### Operator Cabin (EROPS)

- Heat & Air Conditioning: Both systems tested. — Fully operational.
- Radio: Functionality checked. — Operational.
- Seat and Controls: Seat shows minimal wear; controls are responsive. — Good condition.
- Windows and Doors: Glass inspected for cracks or chips. — No issues.

### **Hydraulic System**

- Hydraulic Hoses and Connections: Inspected for leaks, wear, and proper fittings. — No leaks or wear observed.
- High-Flow AUX Hydraulics: Tested under load. — Fully operational.
- Hydraulic SSL Quick Attach: Mechanism tested for secure operation. — Functions as intended.

### **Engine and Cooling System**

- Engine (100 HP Doosan Diesel): Inspected for unusual noises, vibrations, or smoke. — Runs smoothly.
- Reversing Fan: Inspected and tested for proper operation. — Functional.
- Cooling System: Radiator and coolant levels inspected. — Within specifications, no leaks.

### **Tracks and Undercarriage**

- 18" Rubber Tracks: Inspected for uniform wear and tread depth. — Approximately 80% tread remaining, no visible damage.
- Roller Suspension: Inspected for wear and alignment. — Good condition.
- Undercarriage Components: Checked for wear, cracks, and proper alignment. — No issues found.

### **Attachments**

- 84" Tooth Bucket: Inspected for cracks, bent teeth, or wear. — Minimal wear, functional condition.
- Hydraulic SSL Quick Attach: Connection tested for secure operation. — No issues detected.

### **Electrical System**

- Lights: All exterior and interior lights tested. — Fully operational.
- Instrument Panel: Gauges and displays inspected for accuracy. — Operational and clear.

- Battery and Wiring: Battery tested, and connections inspected for corrosion. — Good condition.

### **General Operation**

- Two-Speed Functionality: Both speed ranges tested. — Functions as intended.

- Steering and Mobility: Tested for smooth operation and responsiveness. — Excellent condition.

- Lift Capacity: Verified at 3,325 lbs. — Within specifications.

### **Fluids and Filters**

- Oil Levels and Quality: Checked and within manufacturer recommendations. — Oil clean, no issues.

- Hydraulic Fluid: Levels inspected and topped off. — No contamination or leaks.

- Filters: Air, oil, and fuel filters inspected. — In good condition.

### **Inspection Summary**

The 2017 BOBCAT T870 is in good condition with no major defects or issues. All systems, including the hydraulics, engine, and operator controls, are functioning properly. Tracks and undercarriage components show minimal wear, consistent with hours of use. The machine is work-ready and suitable for immediate operation.

### **Recommended Maintenance**

Monitor track wear and plan for replacement as tread depth decreases.

Regularly service hydraulic fluid and filters to maintain system efficiency.