



**Albatross Equipment Earthworks**  
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## Inspection Checklist for 2018 BOBCAT E55



### Hydraulic System

- Hydraulic Fluid Levels: Checked and at recommended range, no visible leaks from hoses, connections, or cylinders.
- Hydraulic Thumb: Fully operational, no damage or leaks detected.
- Hoses: Inspected for wear; no cracks, abrasions, or leaks observed.
- Hydraulic X-Change System: Smooth operation with no unusual resistance or noise during engagement.

### Boom, Arm, and Bucket

- Boom and Arm: Inspected for cracks or damage; minor surface wear noted, no structural issues found.
- Hydraulic Cylinders: Checked for leaks and scoring; all cylinders functioning properly.
- Bucket: 24" tooth bucket shows moderate wear, teeth in usable condition, securely attached with no visible cracks.

### Undercarriage

- Tracks: 16" rubber tracks with 75% life remaining, no major cracks or cuts detected.
- Track Tension: Within specification, adjusted as needed.
- Rollers, Sprockets, and Idlers: Inspected for wear and alignment; all components functioning as expected with no signs of damage.

### Engine

- Engine Oil: Checked levels; within normal range, oil clean with no contaminants.

- Engine Performance: 49.8 HP Doosan diesel engine starts smoothly, no unusual noise or smoke.
- Air Filters: Inspected and cleaned; no replacement needed at this time.
- Cooling System: Coolant level and condition checked; no leaks or overheating issues observed.

### **Swing Drive and Motor**

- Swing Motor: Operates smoothly with no unusual noises or jerks.
- Swing Bearing: Free of play, no abnormal wear detected.

### **Cab Condition**

- Interior: Clean and well-maintained. Operator seat in good condition, no tears or excessive wear.
- Controls: All controls and gauges fully functional with no lag or resistance.
- HVAC System: Heat and air conditioning operational and efficient.
- Visibility: Glass panels intact with no cracks or damage, wipers functional.

### **Drivetrain**

- Two-Speed Travel: Both speed modes operational, no issues with shifting or travel.
- Drive Motors: Functioning well with no unusual noises or performance issues.

### **Backfill Blade**

- 78" Blade Condition: Minor surface wear, edges intact with no cracks or bends.
- Blade Operation: Operates smoothly, no hydraulic leaks detected.

### **Electrical System**

- Battery: Fully charged and securely mounted.
- Lighting and Electrical Components: All lights, radio, and electrical components functioning properly.

### **General Observations**

- Exterior Condition: Paint shows minor scratches consistent with use, no dents or significant damage.
- Operating Weight: Verified at 12,315 lbs, consistent with manufacturer specifications.
- Maximum Digging Depth: Verified at 13.9 feet, all components performing to standard.