



**Albatross Equipment Earthworks**  
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## Inspection Checklist for 2023 BOBCAT E88

### Equipment Details

- Model: 2023 BOBCAT E88
- Hours: 1,127
- Condition: Good
- Specifications:
  - Enclosed Cab with Heat & Air, Radio
  - 2-Speed Travel
  - Hydraulic Thumb
  - Auxiliary Hydraulics
  - 86" Hydraulic Angle Backfill Blade
  - 65 HP Doosan Diesel Engine
  - 34" Tooth Bucket
  - Power Coupler
  - 18" Rubber Tracks
  - Max Digging Depth: 15'3"
  - Operating Weight: 19,600 lbs



### 1. Boom, Arm, and Bucket

- - Boom and Arm: Structurally sound, no visible cracks or damage.
- - Hydraulic Cylinders: Smooth operation, no leaks or excessive wear on seals.
- - Pins and Bushings: Minimal play detected, wear within acceptable limits.
- - Bucket: 34" tooth bucket shows moderate wear on teeth, no cracks or structural issues.
- - Attachment Coupler: Power coupler functions correctly, securely locks bucket in place.

### 2. Hydraulic System

- - Hydraulic Fluid Levels: Fluid within recommended range, no signs of contamination.
- - Hoses and Fittings: Free of cracks or leaks, no abrasions or bulging detected.
- - Hydraulic Thumb: Fully operational, smooth movement with no lag or excessive noise.
- - Hydraulic Angle Blade: Operates smoothly, no leaks from blade cylinders.

### **3. Undercarriage**

- - Tracks: 18" rubber tracks show 75% remaining life, no cracks or significant wear.
- - Tension: Track tension is within manufacturer specifications.
- - Sprockets and Rollers: Sprockets and rollers are in good condition, no sharp edges or excessive wear.
- - Idlers: No abnormal wear; movement is smooth and aligned.

### **4. Swing Drive and Motor**

- - Swing Drive: Operates smoothly, no unusual noises or jerks detected during operation.
- - Motor: Free of leaks, no overheating or performance issues observed.

### **5. Engine**

- - Oil Levels: Oil within proper range, no signs of leaks around the engine block.
- - Filters: Air and fuel filters are clean, no clogs or damage.
- - Performance: Engine starts smoothly, idles evenly, and produces no unusual smoke or noise.
- - Exhaust System: No leaks or signs of excessive soot build-up.

### **6. Cab Condition**

- - Interior: Clean and well-maintained; all panels intact with no cracks or damage.
- - Controls: All controls and gauges are operational, with no lag or sticking.
- - Visibility: Glass is free of cracks or scratches, providing unobstructed views.
- - HVAC System: Heat and air conditioning are fully functional.
- - Radio: Operational with clear audio.
- - Operator Seat: Comfortable with no tears or excessive wear.

### **7. Transmission and Drivetrain**

- - 2-Speed Travel: Shifts between speeds smoothly, no unusual noises or vibrations.
- - Drivetrain: No excessive noise or wear detected; performance is consistent.

### **8. Backfill Blade**

- - Condition: 86" hydraulic angle backfill blade is in good condition, no visible bends or damage.
- - Functionality: Smooth hydraulic operation, angle adjustment works correctly.