



**Albatross Equipment Earthworks**  
10998 WY-789 Riverton, WY 82501  
[www.albatrossequipment.com](http://www.albatrossequipment.com)

## Inspection Checklist for 2019 BOBCAT E145

### Equipment Information

Model: 2019 BOBCAT E145

Machine Hours: 932

Condition: Good

Features:

- Enclosed Cab (EROPS)
- 33 1/2" Bucket with Hydraulic Thumb
- 23 1/2" Tracks
- Push Blade



### Inspection Checklist

#### 1. Boom, Arm, and Bucket

- Boom and Arm Condition: Inspected for wear and structural integrity—no visible cracks or welds, minor surface wear consistent with hours.
- Hydraulic Cylinders: Fully operational, no dents or leaks observed at seals.
- Bucket Condition: 33 1/2" bucket shows minor wear on edges; hydraulic thumb functions smoothly. No cracks or damage to the bucket or thumb.

#### 2. Hydraulic System

- Hydraulic Fluid Levels: Fluid at recommended levels; no visible leaks detected in hoses, cylinders, or connections.
- Hydraulic Hoses and Fittings: Checked for wear and abrasion—hoses in good condition, with no cracks or bulging.
- Hydraulic Pump and Valves: Operating within normal parameters, no unusual noises during operation.

### **3. Undercarriage**

- Tracks: 23 1/2" rubber tracks—70% life remaining, no cracks or missing lugs.
- Sprockets and Rollers: Inspected for wear—rollers and sprockets in good condition, no visible damage or excessive wear.
- Track Tension: Track tension is within manufacturer's specifications.

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

- Swing Drive Functionality: Operates smoothly, no unusual noises or jerks during rotation.
- Swing Motor: Inspected for leaks and operational efficiency—no visible leaks or performance issues.

### **5. Engine**

- Engine Oil Levels: Oil at proper levels, oil appears clean without contaminants.
- Coolant Levels: Coolant within recommended range, no leaks or overheating observed.
- Exhaust System: No unusual smoke or noises during operation.
- Filters: Air and fuel filters inspected and clean, no replacement needed.

### **6. Cab and Controls**

- Operator Seat: Seat is clean and secure with no rips or damage to upholstery.
- Controls and Gauges: All gauges and controls are functional and responsive.
- Visibility: Windows and mirrors are intact, no cracks or obstructions.
- HVAC System: Heat and air conditioning systems fully operational.

### **7. Push Blade**

- Blade Condition: Push blade is free of damage or cracks; edges show moderate wear but are functional.
- Hydraulic Operation: Blade raises and lowers smoothly with no leaks in hydraulic connections.

### **8. Electrical System**

- Lighting: All work lights and cabin lights are operational.
- Battery: Battery connections are secure with no signs of corrosion; battery holds a charge effectively.
- Wiring: Inspected wiring for wear or damage—no issues detected.

### **9. Overall Structural Integrity**

- Frame and Chassis: Inspected for cracks or welds—structural components are in good condition.

- Paint and Exterior Panels: Minor scuffs and scratches consistent with usage, no significant damage.

### **Inspection Summary**

The 2019 BOBCAT E145 Excavator is in good condition with all systems operating as intended. The machine shows signs of normal wear consistent with 932 hours of use. No major repairs are needed at this time. Recommended ongoing maintenance includes monitoring track wear and routine fluid checks.