



Albatross Equipment Earthworks
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Inspection Checklist for 2019 BOBCAT E145

Equipment Details

Model: 2019 BOBCAT E145

Hours: 962

Condition: Good

Engine: 115 HP Perkins Diesel

Tracks: 20" Steel Tracks

Bucket: 42" Tooth Bucket

Auxiliary Hydraulics: Yes

Hydraulic Thumb: Yes

Max Digging Depth: 19'7"

Operating Weight: 34,987 lbs



Inspection Checklist

Boom, Arm, and Bucket

- Bucket Condition: 42" tooth bucket in good condition with minimal wear. No cracks or structural damage observed.
- Boom and Arm Condition: No visible cracks, dents, or non-factory welds on the boom or arm. Hydraulic cylinders are operational with no leaks.
- Hydraulic Thumb: Fully functional, operates smoothly without signs of hydraulic fluid leakage or binding.

Hydraulic System

- Hydraulic Fluid Levels: Checked; levels are within manufacturer-recommended range.
- Hydraulic Hoses: Inspected; no visible leaks, abrasions, or significant wear on hoses and fittings.
- Hydraulic Pump: No unusual noise or performance issues detected during operation.

Undercarriage

- Tracks: 20" steel tracks with 80% life remaining. No cracks, uneven wear, or missing components.
- Sprockets: In good condition with no visible signs of excessive wear or damage.
- Rollers and Idlers: Inspected; functioning as intended, with no unusual noise or resistance.
- Track Tension: Properly adjusted and within specifications.

Swing Drive and Swing Motor

- Swing Motor: Operates smoothly, with no unusual noises, jerking, or hesitation.
- Swing Bearing: No excessive play detected, and grease points are adequately serviced.

Engine

- Oil Level: Checked; oil level within normal range and free of contaminants.
- Filters: Air and fuel filters are clean and show no signs of clogging or excessive wear.
- Exhaust: No visible smoke or unusual odors during operation.
- Engine Performance: Engine starts easily, runs smoothly, and delivers full power without hesitation.

Cab Condition

- Controls and Gauges: All controls are responsive, and gauges are fully functional.
- HVAC System: Heat and air conditioning operate efficiently. No issues with cabin temperature regulation.
- Visibility: Windows and rearview camera are clean and undamaged. No broken glass or obstructions to visibility.
- Operator Seat: Seat and armrests are intact, with no significant wear or damage.

Transmission and Drivetrain

- Transmission: 2-speed transmission shifts smoothly and performs as expected under load.
- Drivetrain: No unusual noise, vibration, or performance issues detected during operation.

Backfill Blade

- Condition: 98" backfill blade in good working condition, with no visible cracks, dents, or signs of damage.
- Operation: Blade raises, lowers, and tilts smoothly during operation.

Additional Features

- Auxiliary Hydraulics: Fully functional, with no visible leaks or performance issues.
- Radio: Operational with clear sound quality.
- Rear Camera: Fully functional, providing clear visibility of rear surroundings.