



Albatross Equipment Earthworks
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Inspection Checklist for 2021 BOBCAT E32I



1. Boom, Arm, and Bucket

- ****Boom and Arm Condition:****
- - Minor wear on paint, no visible cracks, bends, or structural damage.
- - Hydraulic cylinders are clean, with no leaks or scoring on rods.
- - Pivot pins and bushings show minimal wear, tight with no excessive play.
- ****Bucket and Coupler:****
- - 24" tooth bucket shows moderate wear on teeth but remains functional.
- - Mechanical coupler operates as intended, with secure attachment and no visible cracks.

2. Hydraulic System

- ****Hydraulic Fluid Levels:****
- - Fluid levels are at the recommended range.
- - No visible leaks from hoses, connections, or fittings.
- ****Hydraulic Components:****
- - Auxiliary hydraulics and thumb function smoothly with no jerking or delays.
- - Hoses show no signs of cracks, bulges, or wear.
- - Pumps operate without unusual noise or overheating.

3. Undercarriage Condition

- ****Tracks:****
- - 12" rubber tracks show 75% life remaining. No major cuts, tears, or delamination.

- - Track tension is within specifications.
- ****Sprockets, Rollers, and Idlers:****
- - Sprockets show normal wear, with no missing or damaged teeth.
- - Rollers and idlers are in good condition, rotating freely without excessive wear or noise.

4. Swing Drive and Motor

- ****Swing Motor:****
- - Operates smoothly with no unusual noises or jerks during rotation.
- ****Swing Bearing:****
- - No noticeable play or vibration during operation. Lubrication levels are adequate.

5. Engine Condition

- ****Engine:****
- - Kubota 24.8 HP diesel engine starts reliably, runs smoothly with no unusual noises or vibrations.
- - No visible smoke or exhaust discoloration.
- ****Oil and Filters:****
- - Engine oil levels checked and within the normal range. No signs of leaks around seals or gaskets.
- - Air and fuel filters are clean and in serviceable condition.

6. Cab Condition

- ****Interior:****
- - Clean and free of debris. All controls are functional with no sticking or excessive wear.
- - Operator seat is in good condition, with no tears or damage.
- ****HVAC System:****
- - Heat and air conditioning function effectively, providing consistent airflow.
- ****Visibility:****
- - Windows and mirrors are intact, with no cracks or scratches.
- ****Radio:****
- - Functional and clear reception.

7. Transmission and Drivetrain

- ****Two-Speed Transmission:****
- - Shifts between speeds smoothly with no delay or unusual noise.
- ****Drivetrain:****
- - No visible leaks or signs of wear on drive motors or components.

8. Backfill Blade

- **Condition:**
- - 62" backfill blade shows minimal wear and operates smoothly.
- - Hydraulic components for blade positioning are leak-free and functional.

9. Additional Features

- **Long Arm:**
- - Fully functional, providing extended reach with no visible structural damage or excessive wear.
- **Auxiliary Hydraulics:**
- - Both auxiliary hydraulic systems operate as intended, with no performance issues.