



Albatross Equipment Earthworks
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Inspection Checklist for 2021 BOBCAT T66

Equipment Details

- Model: 2021 BOBCAT T66
- Hours: 1,677
- Condition: Good Clean Working Machine



Visual Inspection

- **Exterior Condition:**
 - No visible dents or significant scratches on the loader arms, frame, or exterior panels.
 - Paint shows minor wear consistent with operating hours.
 - Decals and labels are legible and intact.
- **Tracks:**
 - Rubber tracks exhibit 75% tread remaining.
 - No visible cracks, punctures, or excessive wear.
 - Track alignment is within manufacturer's specifications.
- **Bucket:**
 - New Bobcat OEM 74" GP Bucket with no signs of damage or weld repairs.
 - Cutting edge shows no excessive wear or chips.
- **Weight Kit:**
 - Rear weight kit is securely mounted with no visible defects or damage.

Engine Inspection

- **Engine Performance:**
 - Doosan diesel engine starts easily and runs smoothly without unusual noises or vibrations.
 - No signs of oil leaks, coolant leaks, or exhaust irregularities.
- **Fluids:**
 - Oil level is within the recommended range and shows no contamination.
 - Coolant and hydraulic fluid levels are at specified levels, with no signs of leakage.
 - Fuel system operates efficiently with no observable leaks.

Hydraulic System

- **Hoses and Lines:**

- All hydraulic hoses and lines are free of cracks, abrasions, or leaks.
- Fittings are tight and show no signs of corrosion or damage.
- **Auxiliary Hydraulics:**
 - Auxiliary hydraulic system operates smoothly, delivering consistent pressure.
 - No hydraulic fluid leaks detected during operation.

Loader Arms and Boom

- **Structural Integrity:**
 - Loader arms and boom are straight with no visible cracks, welds, or excessive wear.
 - Pivot points are well-lubricated and show no excessive play or wear.
- **Quick Attach System:**
 - SSL quick attach mechanism functions properly, locking securely without hesitation.

Operator Controls and Cab

- **Hand & Foot Controls:**
 - Controls are responsive and operate without sticking or delay.
 - Pedals and levers show no excessive wear or play.
- **Safety Features:**
 - Seatbelt and restraint bar are in good working condition.
 - Warning lights and indicators on the control panel are functional.
- **Visibility:**
 - Open ROPS design provides unobstructed visibility.
 - All mirrors are intact and properly aligned.

Electrical System

- **Battery:**
 - Battery terminals are clean and connections are secure.
 - Voltage is within normal operating range.
- **Lighting:**
 - All operational lights, including working lights and safety indicators, are functional.
- **Wiring:**
 - Electrical wiring is properly routed and shows no signs of wear or damage.

Performance Test

- **Engine Load Test:**
 - Engine maintains power and RPM under load without fluctuations.
- **Hydraulic Operations:**
 - Loader arms, bucket tilt, and auxiliary hydraulics respond smoothly and with consistent force.
- **Tracks and Mobility:**
 - Skidsteer tracks evenly and maneuvers smoothly with no unusual vibrations.
 - Turning radius and traction are within expected parameters.

General Condition

- **Maintenance History:**
 - Recent maintenance includes fluid changes and lubrication.
 - Filters and belts appear clean and in good condition.
- **Overall Assessment:**
 - The machine is in good working order with no major repairs required.
 - Suitable for immediate use in work environments.

Summary of Inspection:

The 2021 BOBCAT T66 Skidsteer is in **good condition**, with minimal signs of wear relative to its hours of operation. All major systems, including the engine, hydraulics, and operator controls, have been thoroughly inspected and are fully functional. The rubber tracks are in good shape, with approximately 75% life remaining. The auxiliary hydraulics and quick attach system operate as expected, and the new GP bucket is in pristine condition. No significant issues or defects were detected during the inspection.