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Inspection Checklist for 2017 BOBCAT T870

Equipment Details

****Model**:** 2017 BOBCAT T870

****Machine Hours**:** 2,372

****Condition**:** Good

****Specifications**:**

- Enclosed ROPS with Heat & Air (EROPS)
- SJC (Selectable Joystick Controls)
- 2-Speed Travel
- High Flow Auxiliary Hydraulics
- 100 HP Doosan Diesel Engine
- 74" General Purpose (GP) Bucket
- Hydraulic SSL Quick Attach
- 18" Rubber Tracks
- 3,650 lbs Lift Capacity
- 12,925 lbs Operating Weight



Inspection Results

Loader Assembly and Boom

- Loader arms and boom structural integrity confirmed with no cracks, excessive wear, or bending.

- Pins and bushings inspected for tightness and wear—found to be in acceptable condition.
- Hydraulic Quick Attach system functioning correctly with no leaks or alignment issues.

Hydraulic System

- High-flow auxiliary hydraulics tested; flow rate is within manufacturer specifications.
- Hydraulic hoses inspected for wear, abrasions, or leaks; no issues found.
- Hydraulic fluid levels checked; fluid is clean and within recommended range.

Bucket and Attachments

- 74" GP bucket inspected; edges and cutting surface show normal wear with no cracks or dents.
- Quick attach mechanism secure and operational with smooth attachment changes.

Tracks and Undercarriage

- 18" rubber tracks inspected; tread wear is uniform and at approximately 75% life remaining.
- Undercarriage components (rollers, idlers, sprockets) checked for wear; all are functional with no visible damage.
- Track tension verified and within specifications.

Engine and Cooling System

- 100 HP Doosan diesel engine starts and operates smoothly with no unusual noises, smoke, or vibrations.
- Engine compartment inspected for cleanliness; no leaks or loose connections detected.
- Cooling system (radiator and fan) inspected; no obstructions or performance issues identified.

Operator Cab (EROPS)

- Enclosed cab is clean with all windows intact and no visible cracks.
- HVAC system (heat and air conditioning) tested; both systems are fully operational.
- SJC controls tested for responsiveness and precision; all controls are fully functional.
- Seat condition and adjustments verified; seat and safety harness are in good condition.
- Instrument panel and displays checked for accuracy and functionality.

Electrical System

- All lights (headlights, work lights, safety lights) inspected and operational.

- Battery terminals are clean and securely connected.
- Horn and warning indicators function as intended.

Two-Speed Travel System

- Two-speed travel system tested; shifts smoothly between speeds with no delay or issues.
- Travel motors and pumps inspected for leaks or performance problems; none detected.

Safety and General Condition

- Safety features (emergency stop, seatbelt, backup alarm) tested and confirmed operational.
- Frame and chassis inspected for structural integrity; no cracks or damage observed.
- Fluids (engine oil, coolant, hydraulic) replaced or topped off as needed.
- General cleaning performed; machine is free of excessive dirt and debris.

Inspection Summary

The 2017 BOBCAT T870 is in ****good condition**** with no significant defects or performance issues noted during the inspection.

Regular wear is consistent with the machine's age and hours of operation.

Key systems such as the engine, hydraulic system, tracks, and operator controls are fully functional and meet manufacturer specifications.

This Skidsteer is work-ready and requires no immediate repairs or maintenance beyond routine servicing.

Inspector Comments

This machine has been thoroughly inspected and is suitable for heavy-duty use. The equipment's high-flow hydraulics, two-speed travel, and excellent lift capacity make it a versatile and reliable choice for various job site applications.