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Inspection Checklist for 2021 BOBCAT T62



INSPECTION REPORT

****Equipment Details:****

- ****Model****: 2021 BOBCAT T62
- ****Machine Hours****: 997
- ****Condition****: Good
- ****Features****: OROPS, Hand & Foot Controls, AUX Hydraulics, 68 HP Doosan Diesel Engine, 68" GP Bucket, SSL Quick Attach, 12.5" Rubber Tracks, 2,150 lbs Lift Capacity, 8,612 lbs Operating Weight.

General Appearance

- ****Exterior Condition****: Paint in good condition with minor surface scratches consistent with use. No dents or structural deformities observed.
- ****Loader Arms****: No visible cracks, bends, or signs of excessive wear. Pivot points well-greased and functional.
- ****Bucket Condition****: 68" GP bucket securely attached. Minimal edge wear with no cracks or significant deformation.

Engine and Powertrain

- ****Engine Performance****: 68 HP Doosan diesel engine starts and runs smoothly with no unusual noises or excessive smoke.
- ****Fluid Levels****: Engine oil, coolant, and hydraulic fluids all within manufacturer's recommended levels.

- **Leaks**: No visible leaks from engine, hoses, or hydraulic systems.
- **Exhaust System**: No blockages or excessive emissions detected.

Hydraulic System

- **Hydraulic Pump**: Fully operational, providing consistent pressure during loader arm and bucket operations.
- **Hydraulic Hoses and Fittings**: Inspected for wear, cracks, and leaks—all in good condition.
- **Auxiliary Hydraulics**: Fully functional, with clean and secure couplers.

Undercarriage and Tracks

- **Rubber Tracks**: 12.5" rubber tracks show even wear with approximately 75% tread remaining. No cuts or cracks.
- **Track Tension**: Properly adjusted, ensuring optimal performance.
- **Rollers and Idlers**: Free of damage and operate smoothly.

Operator's Cabin

- **Condition**: Open ROPS clean and free from rust or structural issues.
- **Controls**: Hand and foot controls are responsive and fully functional.
- **Seat**: Minor wear on upholstery, but no rips or significant damage.
- **Visibility**: Unobstructed view in all directions with no operational blind spots.

Electrical and Lighting Systems

- **Battery**: Battery terminals clean and connections secure. Voltage within recommended range.
- **Lights**: All work lights and safety indicators are operational.
- **Electrical Wiring**: Inspected for wear and damage—no issues found.

Performance Testing

- **Lift Capacity**: Machine lifted a test load of 2,150 lbs without issue.
- **Loader Arm Operation**: Smooth raising and lowering. Tilt and rollback functions precise and responsive.

- **Travel Performance**: Forward and reverse movement smooth. Tracks maintain traction during operation.

Overall Condition Summary

The 2021 BOBCAT T62 is in **Good Condition**, with no major defects or performance issues detected. Minor cosmetic wear is consistent with its 997 hours of use. The machine is fully operational and work-ready.

Recommendations:

- Routine maintenance as per manufacturer's schedule.
- Monitor track wear and replace when tread reaches 50%.