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Inspection Checklist for 2020 BOBCAT T550

Equipment Inspected:

2020 BOBCAT T550

Condition: GOOD

Machine Hours: 950

Features: EROPS, Heat & Air, Hand & Foot Controls, AUX Hydraulics, Engine Block Heater, 66 HP Doosan Diesel, New 72" GP Bucket, SSL Quick Attach, 12.5" Rubber Tracks, 1,995 lbs Lift Capacity, 7,662 lbs Operating Weight



Comprehensive Inspection Checklist

Structural and Exterior Components

- Loader Arms: Inspected for cracks, bends, or wear – no signs of damage or excessive wear observed.
- Quick Attach System: Verified functionality and secure attachment of 72" GP bucket – operating smoothly and securely.
- Cab Structure: Checked for damage, loose panels, or missing components – structure is solid with no visible issues.
- Paint and Finish: Minor surface scratches noted; no rust or structural concerns.

Engine and Powertrain

- Engine Performance: 66 HP Doosan Diesel tested for smooth operation; no unusual noises, vibrations, or smoke detected.
- Fluids: Oil, coolant, and hydraulic fluid levels inspected and within recommended range. Oil and coolant recently serviced.
- Engine Block Heater: Confirmed operational, ensuring reliability in colder conditions.

Hydraulic System

- Auxiliary Hydraulics: Verified performance under load; system is responsive with no leaks or pressure drops.
- Hydraulic Hoses and Connections: Inspected for wear, cracks, and leaks – no issues found.
- Cylinders: Checked for smooth operation and proper seal integrity – functioning correctly without leaks.

Tracks and Undercarriage

- Rubber Tracks: 12.5” tracks exhibit uniform wear with approximately 85% tread remaining. No cuts or punctures observed.
- Track Tension: Verified correct tension and alignment – no adjustments needed.
- Undercarriage Components: Inspected rollers, sprockets, and idlers – all components in good condition.

Operator Controls and Cab

- Controls: Hand and foot controls tested for responsiveness and ease of operation – no issues detected.
- Heat & Air Conditioning: Fully functional, providing effective climate control.
- Instrumentation: Gauges and warning lights operational; no error codes displayed.
- Visibility: Windows and mirrors clean and intact, ensuring clear visibility.

Electrical System

- Battery: Tested for charge and reliability – operating within specifications.
- Lighting: Front and rear lights verified as functional.
- Wiring: Inspected for signs of wear or damage – all wiring in excellent condition.

Performance Tests

- Bucket Operation: 72” GP bucket tested for tilt, lift, and smooth operation – no issues detected.
- Lift Capacity: Verified lifting capacity of 1,995 lbs under normal operating conditions – performed within specifications.
- Travel Performance: Tested forward, reverse, and turning – smooth and responsive motion.

Summary

The 2020 BOBCAT T550 is in GOOD CONDITION, showing minimal wear consistent with its 950 operating hours. All critical systems, including the engine, hydraulics, and operator controls, are functioning as intended. Tracks and undercarriage components are in excellent condition with significant life remaining. Minor surface scratches are present but do not affect overall performance or integrity.

Overall Condition: 90%

Recommended Maintenance: None required at this time; machine is work-ready.