



Albatross Equipment Earthworks
10998 WY-789 Riverton, WY 82501
www.albatrossequipment.com

Inspection Checklist for 2019 CATERPILLAR 320



Boom, Arm, and Bucket Condition

- **Boom and Arm**: Inspected for cracks, dents, and signs of stress. No visible cracks, welds, or significant damage. Minor surface wear consistent with usage.
- **Hydraulic Cylinders**: No visible leaks or damage to seals. Smooth operation confirmed during testing.
- **Bucket**: 48" bucket shows moderate wear on teeth but remains fully functional. No cracks or deformations detected.

Hydraulic System

- **Hydraulic Fluid Levels**: Checked and within recommended operating range.
- **Hoses and Fittings**: All hoses and connections inspected; no leaks or excessive wear found.
- **Hydraulic Pumps**: Operating efficiently, with no unusual noises or pressure loss during performance tests.

Undercarriage Condition

- **Tracks**: 80% life remaining; no visible cracks or damage to rubber or steel components. Track tension is within specifications.
- **Sprockets and Rollers**: Inspected and found in good condition with moderate wear. No excessive play or abnormal wear patterns observed.

- **Idlers**: Operating smoothly, no signs of misalignment or significant wear.

Swing Drive and Swing Motor

- **Swing Drive**: Tested for smooth operation. No unusual noises or jerking motion detected during full swing cycles.
- **Swing Motor**: Inspected and operating without leaks or mechanical issues.

Engine Condition

- **Oil Levels**: Checked and within normal range. No signs of contamination or leaks.
- **Filters**: Air, fuel, and oil filters are clean and within serviceable limits.
- **Performance**: Engine starts easily and operates without smoke, unusual noises, or loss of power.

Cab Condition

- **Operator Controls**: All controls, including joysticks and switches, are functional and responsive.
- **Visibility**: Enclosed cab windows are clean, with no cracks or scratches obstructing visibility.
- **HVAC System**: Heat and air conditioning are fully operational, providing consistent airflow and temperature control.
- **Operator Seat**: Seat and suspension in good condition, with no tears or significant wear.

Drivetrain and Transmission

- **Transmission**: Inspected for performance during operation. Smooth transitions observed with no unusual noises.
- **Final Drives**: No signs of excessive wear, leaks, or overheating.

Electrical System

- **Lights**: All lights, including work lights and safety lights, are functional.
- **Battery**: Terminals are clean, and the battery holds a full charge.

Overall Structural Integrity

- **Frame and Chassis**: Inspected for cracks, bends, or signs of stress. No visible damage observed.
- **Counterweight**: Securely attached with no signs of wear or movement.

Inspection Summary

The 2019 Caterpillar 320 excavator has been thoroughly inspected and is in **good condition**. All major components and systems are operational, with minor wear consistent with machine hours and usage. No immediate repairs or maintenance are required at this time.