



Albatross Equipment Earthworks
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Inspection Checklist for 2014 CATERPILLAR 420F IT



Inspection Summary

1. Engine and Powertrain

Engine Start and Performance: Engine started smoothly and idled at appropriate RPM with no abnormal noise or vibration.

Fluids: Oil and coolant levels checked—both at recommended levels, no visible leaks.

Exhaust System: Inspected for blockages and damage—operating as intended.

Transmission: Shifts smoothly in all gears (forward/reverse), no delays or unusual sounds during testing.

Air Filter: Clean and free from excessive dirt or debris.

2. Hydraulic System

Hydraulic Cylinders: Boom, dipper, and bucket cylinders inspected—minor scuffing, no leaks detected.

Hydraulic Hoses and Connections: All hoses secure, no wear, leaks, or damage observed.

Auxiliary Valves: Operational, with no performance issues.

Hydraulic Fluid: Proper fluid levels—no contamination or discoloration.

3. Undercarriage and Axles

Axle Condition: Front and rear axles in excellent condition—minimal wear.

4X4 Functionality: Tested successfully in various conditions—functioning correctly.

Tires:

- Front Tires: Tread depth at 85%, proper inflation.
- Rear Tires: Tread depth at 80%, proper inflation.

4. Attachments

Bucket and Forks:

- Bucket—minimal wear, cutting edges intact.
- Forks—straight and functional, no damage.

Standard Hoe Bucket: Secure, no cracks, teeth in good condition.

5. Operator's Cabin

Controls: All operator controls responsive and in good condition.

Seat: Minimal wear, fully adjustable, and functional.

Visibility: Windows and mirrors clean, no cracks or obstructions.

Gauges and Displays: All gauges operational; hour meter reading consistent.

Safety Features: Lights, horn, and alarms in working condition.

6. Structural Integrity

Frame: No visible cracks, welds, or signs of stress.

Boom and Dipper Arm: Inspected for wear or damage—structurally sound.

Pivot Points: Pins and bushings inspected, no excessive play or wear.

7. Electrical System

Battery: Securely mounted, terminals free of corrosion, and holding charge.

Wiring: All wiring intact and properly routed—no exposed wires.

Lights: Front and rear lights operational.

8. Additional Notes

This machine shows overall excellent maintenance and care.

At 90% condition, it is ready for immediate use with no major repairs required.

No cracks, non-factory welds, or significant signs of stress were identified during the inspection.

Final Assessment

This 2014 CATERPILLAR 420F IT Backhoe Loader is in good condition (90%) with low hours (1,638). All systems and components are operational, and no major defects or issues were identified. This equipment is work-ready and suitable for a variety of tasks.