



Albatross Equipment Earthworks
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Inspection Checklist for 2016 JCB 509-42



General Overview

- - Overall Condition: Good, no significant damage or excessive wear observed. Machine shows normal signs of use.
- - Serial Number: Verified during inspection (available upon request).
- - Visual Inspection: Clean exterior with minor cosmetic wear consistent with hours.

Boom and Attachments

- - Boom Structure: No cracks, dents, or weld repairs observed.
- - Hydraulic Cylinders: Extend and retract smoothly. Minor scuff marks on cylinder rods, no leaks.
- - Attachment Coupler: Manual coupler in working condition. Locks securely, with minimal wear on components.
- - Forks: 71-inch forks straight, no bending or cracks. Pins and bushings in good condition with minimal play.
- - Tilt Carriage: Functions properly. No misalignment or damage.

Hydraulic System

- - Hydraulic Fluid Levels: Checked and within recommended range.
- - Hoses and Fittings: No visible leaks or cracks. Hoses show minor surface wear but remain flexible.
- - Auxiliary Hydraulic Plumbing: Operational. Connections are secure, and no leaks observed.

Engine and Transmission

- - Engine Performance: Starts smoothly, idles consistently, and runs without unusual noises or vibrations.
- - Oil Condition: Checked. Clean and within acceptable levels.
- - Coolant Levels: Topped off. No contamination or leaks detected.
- - Exhaust System: No excessive smoke or unusual emissions during operation.
- - Transmission: Shifts smoothly. No lag or grinding noted.

Drivetrain and Tires

- - Tires:
 - - Tread Depth: Approximately 65-70% remaining.
 - - Condition: No punctures, cuts, or visible bulges.
 - - Alignment: Tracks true. No steering pull or drift observed.
- - Frame Leveling System: Fully operational. Adjustments are smooth and responsive.

Cab and Controls

- - Operator Station: Clean and well-maintained.
- - Seats and Interior: Minor wear on upholstery. Seat adjustment functions properly.
- - Climate Control: A/C and heater operational. Airflow and temperature adjustments responsive.
- - Visibility: Glass panels intact. No cracks, chips, or visibility issues.
- - Controls: Joysticks, levers, and pedals functional with no sticking or excessive wear.
- - Instrumentation: All gauges and displays operational and accurate.

Safety Features

- - Horn and Backup Alarm: Functional.
- - Lights and Wipers: Fully operational. Includes work lights, indicators, and windshield wipers.
- - Fire Extinguisher: Present and properly secured.

Lift System

- - Max Lift Height: 42 ft verified. System operates smoothly without unusual noises.
- - Max Lift Capacity: 9,000 lbs. Test load confirmed stability and hydraulic performance.
- - Stabilizers (if equipped): N/A for this model.

Inspection Notes

- - The 2016 JCB 509-42 Telehandler is in Good Condition with no major mechanical or structural issues. Minor wear is consistent with the machine's hours.
- - Recommended Maintenance: Routine service as per manufacturer's schedule to maintain optimal performance. No immediate repairs required.

Conclusion

- - This JCB 509-42 Telehandler has passed all inspection points and is ready for work. Buyers can be assured of its functionality and dependability in its current state.