



**Albatross Equipment Earthworks**  
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## Inspection Checklist for 2019 JCB 509-42



### Completed Inspection Checklist

#### General Condition

- Overall Appearance: The telehandler shows signs of normal wear consistent with its hours of operation. Exterior panels and paint are intact, with minor scratches and no structural damage.
- Chassis and Frame: Frame inspected for cracks or deformations: No issues detected. Welds inspected: All welds in factory condition, no repairs or modifications.

#### Engine

- Engine Start and Idle: Starts smoothly with no delays or unusual noises. Idles consistently at proper RPM.
- Performance: Engine runs smoothly under load with no smoke or loss of power.
- Fluid Levels: Engine oil level checked: Within recommended range, clean condition. Coolant level inspected: Correct levels, no leaks detected.

#### Hydraulic System

- Hoses and Connections: Hydraulic hoses inspected for wear, cracks, and leaks: No issues found. Connections and fittings are tight and secure.
- Hydraulic Fluid: Fluid level checked: Within acceptable range. Fluid condition: Clean and clear, no contamination.

- Cylinders and Functionality: Hydraulic cylinders tested for smooth operation: Extend and retract properly without delay. No visible leaks or unusual wear on seals.

#### Boom and Attachments

- Boom Structure: Inspected for cracks, bends, or weld repairs: No structural issues detected. Sliding sections operate smoothly without binding or excessive play.

- Forks and Attachments: Forks are straight and free of cracks or damage. Mounting pins and bushings inspected: Minimal wear, secure attachment.

#### Tires and Wheels

- Tires: Solid pneumatic tires show 85% remaining tread life. No visible punctures, cuts, or bulges.

- Wheel Condition: Rims and bolts inspected: No cracks, bends, or missing fasteners.

#### Drive System

- Transmission and Drivetrain: Transmission shifts smoothly through all gears. No unusual noises or vibrations during operation.

- 4x4x4 System: All-wheel drive tested: Engages and functions properly.

#### Braking System

- Foot Brake: Pedal pressure is consistent and effective. Brake pads inspected: Good condition, no excessive wear.

- Parking Brake: Holds securely when engaged.

#### Cab and Controls

- Cab Interior: Clean and well-maintained. Seat shows minimal wear, and seatbelt is functional.

- Visibility: All windows and mirrors are intact and free of cracks.

- Controls and Gauges: All gauges functional and within normal operating ranges. Joystick and control levers operate smoothly with no lag.

- Lighting and Electrical Systems: Headlights, taillights, and work lights functional. Electrical system inspected: No faults detected.

#### Additional Features

- Hydraulic Leveling System: Operates properly, stabilizing the machine effectively.

- Auxiliary Hydraulics: Tested with attachments: Flows smoothly with no leaks or pressure drops.

#### Safety Equipment

- Emergency Systems: Emergency shutoff and backup systems tested: Fully operational.

- Warning Decals and Labels: All safety labels are legible and in place.

### **Final Assessment**

The 2019 JCB 509-42 is in good overall condition, with all major systems operating properly. Minor wear observed is consistent with the machine's age and hours. The telehandler is work-ready and does not require immediate maintenance or repairs.