



**Albatross Equipment Earthworks**  
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## Inspection Checklist for 2019 Caterpillar 257D



**\*\*Hours:\*\*** 1,965

**\*\*Condition:\*\*** Good

### Exterior & Structural Integrity

- Loader Arms: No visible cracks, bends, or structural damage. Joints are secure with no excessive wear or movement.
- Quick Attach Bucket: Latching mechanism functional with no deformation or cracks in the bucket structure.
- OROPS (Open Roll-Over Protective Structure): Frame inspected; no signs of dents, rust, or compromised integrity.
- Paintwork: Minor scratches consistent with operational use; overall finish intact.

### Hydraulic System

- Hoses and Lines: No leaks, abrasions, or kinks detected. All connections secure.
- Hydraulic Fluid Levels: Within manufacturer's recommended range.
- Auxiliary Valves: Operate correctly with smooth hydraulic flow; no abnormal noises or sluggish response.
- Cylinders: No leaks, scratches, or scoring on cylinder rods.

### Engine & Powertrain

- Engine Performance: Starts smoothly, idles consistently, and accelerates without hesitation. No unusual noises, smoke, or vibrations observed.
- Oil Levels & Condition: Engine oil checked and within acceptable range; oil appears clean with no contaminants.

- Cooling System: Radiator free of debris; coolant level and condition verified.
- Fuel System: No leaks; filters appear clean and in good condition.

### **Transmission & Drivetrain**

- 2-Speed Transmission: Shifts smoothly between speeds; no hesitation or unusual sounds during operation.
- Tracks: Rubber tracks show even wear with approximately 75% tread remaining. No tears, cracks, or missing segments.
- Drive Motors: Functioning correctly with no oil leaks or abnormal noises.

### **Electrical System**

- Lights: All lights (working and safety) operational.
- Battery: Securely mounted; terminals clean with no signs of corrosion. Battery provides adequate power.
- Control Panel: Digital display and indicators functional and free of error codes.

### **Operator's Cabin & Controls**

- OROPS: Structure secure with no defects or safety concerns.
- Seat & Restraints: Seat in good condition; seatbelt operational.
- Controls: Responsive and calibrated. Joystick controls operate smoothly without excessive resistance.
- Visibility: Excellent visibility from operator's position; no obstructions in field of view.
- Safety Features: Functional lap bar, operational parking brake, and emergency shutoff switch tested and working.

### **Performance Test**

- Lifting & Lowering: Loader arms and quick attach bucket raise, lower, and tilt without hesitation or lag.
- Turning & Maneuvering: Smooth and precise handling; no pulling or resistance during sharp turns.
- Braking System: Brakes engage effectively with no delays or squealing.

### **General Observations**

- Machine shows minor wear consistent with age and hours.

- Overall, the 2019 Caterpillar 257D is in good condition, with all systems operational and no significant issues detected. Suitable for immediate use.

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**\*\*Inspection Summary\*\***

The 2019 Caterpillar 257D has been thoroughly inspected and deemed ready for operation. All major systems and components are in good working order, with no immediate repairs or maintenance required.