



**Albatross Equipment Earthworks**  
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## Inspection Checklist for 2022 Caterpillar 279D3



### Equipment Information

Model: 2022 Caterpillar 279D3

Machine Hours: 1,009

Condition: Good

Configuration: EROPS, Rubber Track, Hydraulic Quick Attach Bucket, Auxiliary Valves, 2-Speed, High Flow XPS

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### General Appearance

- Exterior Panels: Free of major dents, cracks, or deformities. Minor scuffing consistent with operational use.
- Paint: In good condition with no significant rust or peeling.
- Glass/Windows: All glass is intact and free from cracks or chips.
- Decals and Labels: Manufacturer labels and safety decals are legible.

### Engine Compartment

- Engine Performance: Engine starts smoothly and idles without unusual noise or vibrations.
- Oil Levels and Condition: Oil is within recommended range and clean with no visible contamination.
- Belts and Hoses: Belts are tight and free of cracks. Hoses are secure and show no signs of wear or leaks.

- Air Filter: Inspected and found clean. No signs of clogging or excessive dirt.

### **Hydraulic System**

- Hydraulic Fluid Levels: Within the recommended range. No leaks detected.
- Hydraulic Hoses: Inspected for cracks, bulges, or leaks. No issues found.
- Hydraulic Cylinders: Function smoothly with no visible leaks or damage.
- Hydraulic Quick Attach: Operates as intended, securely attaching and detaching the bucket.

### **Tracks and Undercarriage**

- Rubber Tracks: Uniform wear observed. Tread depth at approximately 80%, with no visible cracks or tears.
- Rollers and Idlers: Inspected and found in good condition. Free of excessive wear or noise during operation.
- Track Tension: Properly adjusted per manufacturer specifications.

### **Loader Arms and Bucket**

- Loader Arms: Structurally sound with no signs of bending, cracking, or excessive wear.
- Pivot Points: Greased and free of excessive wear or play.
- Bucket: Hydraulic quick attach bucket inspected for cracks, dents, and overall integrity. Edge wear minimal and within acceptable limits.

### **Cab and Controls**

- Operator Seat: Clean and free of tears or damage. Seat adjustments function properly.
- Control Panel: All controls and switches are functional, with no error codes displayed.
- Climate Control: Air conditioning and heating systems operational and maintain temperature effectively.
- Visibility: Mirrors and glass surfaces provide clear, unobstructed views.
- Safety Features: Operator restraint system and horn functional. Emergency exits operational.

### **Electrical System**

- Battery: Securely mounted and terminals free of corrosion.

- Lighting: All exterior and interior lights functional, including work lights and safety beacon.

- Wiring: Inspected for fraying or loose connections. No issues found.

### **Performance and Operation**

- 2-Speed Travel: Both speeds tested and functioning as expected.

- High Flow XPS: Hydraulic system delivers consistent high flow for attachments.

- Brakes: Responsive and effective during operation.

- Steering and Maneuverability: Smooth and precise, with no unusual noise or resistance.

- Auxiliary Valves: Tested and fully operational.

### **Fluid Levels**

- Engine Oil: Checked and topped up as necessary.

- Hydraulic Fluid: Within optimal range.

- Coolant: Checked and found at appropriate level with no contamination.

- Fuel: Adequate for test operations. No leaks from fuel lines or tank.

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### **Inspection Summary:**

The 2022 Caterpillar 279D3 is in good condition and is fully operational with minor signs of wear consistent with usage hours. All key systems have been inspected and are functioning as intended. This machine is work-ready.