



Albatross Equipment Earthworks
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Inspection Checklist for 2022 Caterpillar 299D3

Model: 2022 Caterpillar 299D3

Hours: 827

Condition: Good Condition



Visual and Structural Inspection

- Exterior Condition: Inspected for dents, rust, or paint damage. Overall, panels are intact with minimal wear and no significant damage.
- Loader Arms: Inspected for structural integrity. No cracks, bends, or signs of excessive wear detected.
- Chassis and Frame: Frame and undercarriage are level and free from damage or non-factory welds.
- Bucket Quick Attach: Mechanism operates smoothly and securely locks attachments in place. No wear or misalignment observed.

Hydraulic System

- Hydraulic Lines and Hoses: Inspected for leaks, wear, and cracks. All hoses are secure and free of visible damage.
- Auxiliary Valves: Verified functionality. Auxiliary hydraulics perform correctly, allowing smooth attachment operation.
- Hydraulic Fluid Levels: Checked and confirmed within the recommended range. Fluid is clean with no contamination or discoloration.

Tracks and Undercarriage

- Rubber Tracks: Tracks exhibit uniform wear with approximately 85% tread remaining. No visible cuts, tears, or cracks.
- Track Tension: Adjusted to manufacturer's specifications. Tension is optimal for smooth operation.
- Rollers and Idlers: Inspected for proper rotation, alignment, and wear. No issues identified.

Engine and Powertrain

- Engine Performance: Engine starts promptly and operates smoothly. No unusual noises, vibrations, or excessive smoke observed.
- Fluids: Oil, coolant, and fuel levels checked. All fluids are clean and at proper levels.
- Belts and Filters: Belts inspected for wear and tension. Filters (air, oil, hydraulic) are clean and in good condition.
- Exhaust System: Free of leaks or blockages. Emissions appear normal.

Operator Controls and Safety Features

- Controls: All controls are responsive and function as designed. No stiffness or delays.
- Gauges and Displays: Gauges are operational and display accurate readings, including hours and system statuses.
- Seat and Restraints: Operator seat is intact, and seatbelt is functional.
- ROPS (Roll-Over Protective Structure): ROPS is secure and free of damage.
- Backup Alarm: Audible and working as intended.

Drivetrain and Transmission

- Two-Speed Drive: Verified both speed ranges. System shifts seamlessly between speeds.
- Drive Motors: Checked for leaks and performance. Both motors operate efficiently.

Electrical System

- Battery: Battery terminals are clean and connections are tight. No signs of corrosion.
- Lights and Indicators: All lights (headlights, taillights, and safety indicators) are operational.
- Wiring: Inspected for wear or damage. Wiring is intact and securely fastened.

Attachment Inspection

- Bucket: Bucket attachment inspected for wear, cracks, and cutting edge condition. The cutting edge shows minimal wear and is ready for operation.

- Quick Attach System: Locks and releases attachments securely and without issue.

General Notes and Recommendations

- Condition Summary: This 2022 Caterpillar 299D3 is in good condition with minor wear consistent with 827 operating hours. All major systems, including hydraulics, drivetrain, and engine, are functional and free from significant issues.

- Maintenance Performed: Fluid levels topped off. Tracks tensioned to specifications.

- Recommendation: Machine is work-ready and requires no immediate repairs. Routine maintenance as per manufacturer recommendations is advised.