

## Albatross Equipment Earthworks

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## **Inspection Checklist for 2021 Caterpillar 262D3**



Equipment: 2021 Caterpillar 262D3

Condition: Good

Machine Hours: 2,624

## **Operator's Cabin (EROPS)**

- \*\*Structural Integrity:\*\* Cabin structure inspected; no visible damage, dents, or deformations.
- \*\*Glass:\*\* Windows and doors free of cracks or chips; fully functional seals.
- \*\*Interior Controls:\*\* Operator controls are responsive with no signs of wear or stickiness.
- \*\*Seat Condition:\*\* Seat padding and adjustments intact; no tears or excessive wear.
- \*\*Climate Control:\*\* Heating and air conditioning systems fully operational.
- \*\*Dashboard Display:\*\* All indicators, gauges, and warning lights are functional.
- \*\*Electrical Systems:\*\* Lights, horn, and switches tested and in good working condition.

#### **Hydraulic System**

- \*\*Hydraulic Hoses and Lines:\*\* Inspected for leaks, cracks, or abrasions; no issues found.
- \*\*Auxiliary Valves:\*\* Fully functional and free of blockages.
- \*\*Hydraulic Pump and Flow:\*\* High Flow XPS system tested and performing within specifications.
- \*\*Fluid Levels:\*\* Hydraulic fluid at recommended level; no contamination or discoloration detected.

## Engine

- \*\*Startup:\*\* Smooth start with no delays or unusual noises.
- \*\*Performance:\*\* Engine operates at consistent RPM with no vibrations.
- \*\*Exhaust:\*\* Emissions clean; no excessive smoke.

- \*\*Fluid Levels:\*\* Oil, coolant, and other fluids checked and topped off as needed.
- \*\*Belts and Hoses:\*\* No visible wear, cracks, or fraying.

#### **Loader Arms and Bucket**

- \*\*Loader Arms:\*\* Inspected for cracks, bending, or excessive wear; none observed.
- \*\*Pins and Bushings:\*\* Proper lubrication; no play or unusual wear noted.
- \*\*Quick Attach System:\*\* Hydraulic quick attach system operates smoothly; locks securely.
- \*\*Bucket Condition:\*\* Bucket shows minor wear consistent with hours; cutting edge intact.

#### **Tires and Undercarriage**

- \*\*Tire Condition:\*\* Tires exhibit 75% tread life; no cuts, bulges, or uneven wear.
- \*\*Pressure:\*\* Verified within manufacturer's specifications.
- \*\*Wheel Bearings:\*\* No excessive play or unusual noises detected.

### **Drivetrain**

- \*\*2-Speed Transmission:\*\* Shifts smoothly between speeds; no delays or jerking.
- \*\*Brakes:\*\* Effective stopping power with no unusual noises.
- \*\*Steering:\*\* Tested and functions without excessive resistance or drift.

#### **Electrical Components**

- \*\*Battery:\*\* Battery terminals clean and secure; charge holding steady.
- \*\*Wiring:\*\* Inspected for fraying or damage; all connections secure.

#### **General Observations**

- \*\*Overall Condition:\*\* Equipment is in good operational condition with minor cosmetic wear.
- \*\*Maintenance History:\*\* Recently serviced; fluids topped off and filters replaced.

#### Conclusion

This 2021 Caterpillar 262D3 Skidsteer Loader is in \*\*good condition\*\*, fully operational, and work-ready. Minor wear is consistent with machine hours and does not impact functionality. All critical systems, including hydraulics, drivetrain, and engine, are performing within manufacturer's specifications.