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Inspection Checklist for 2020 CATERPILLAR 262D3

Model: 2020 CATERPILLAR 262D3 Hours: 1,293 Condition: Good



General Appearance

- Cab Condition: EROPS cab is clean and well-maintained, showing no signs of excessive wear or damage.
- Glass and Doors: All glass panels are intact, with no cracks or visible damage. Doors open and close smoothly.
- Exterior Panels: Minor scratches consistent with standard use; no structural damage or rust detected.
- Paint Condition: Paint is in good condition with minor fading.

Engine and Powertrain

- Engine: Starts smoothly, operates without unusual noises, vibrations, or smoke.
- Oil Levels: Oil checked and within recommended range; no leaks detected.
- Air Filter: Clean and recently serviced.
- Exhaust System: No signs of rust, damage, or excessive emissions.
- Transmission: Operates as expected with smooth shifting between 2-speed modes.

Hydraulics

- Hydraulic System Performance: High-flow XPS auxiliary hydraulic system functioning without issues.
- Hydraulic Hoses and Connections: All hoses inspected; no leaks or significant wear.
- Hydraulic Quick Attach: Responsive and securely locks the 4N1 bucket in place.
- Auxiliary Valves: Tested and functioning properly.

Loader Arms and Attachments

• Loader Arms: No cracks, bends, or excessive wear; structural integrity confirmed.

- Bucket: 4N1 bucket in good condition with minor surface wear; all moving parts operate correctly.
- Attachment Coupler: Hydraulic quick attach engages and disengages smoothly.

Tracks, Tires, and Undercarriage

- Tires: Tires have 85% tread remaining, with uniform wear. No punctures or sidewall damage detected.
- Wheel Hubs: Inspected; all hubs are secure and free of leaks.

Electrical and Controls

- Operator Controls: All controls are responsive and function as expected.
- Lighting: Front and rear lights operational with no bulb replacements needed.
- Instrument Panel: Fully functional with no error codes or warnings displayed.
- Wiring: Inspected for damage; no frayed wires or loose connections found.

Cab and Interior

- Seating: Operator seat in good condition; cushioning and upholstery intact.
- HVAC System: Heating and air conditioning systems are fully operational.
- Flooring: Clean and free of debris or wear.
- Visibility: Excellent visibility through all windows.

Fluid Levels and Leaks

- Engine Oil: Levels within range; no leaks found.
- Coolant: Level within specifications; no contamination or leaks.
- Hydraulic Fluid: Checked and topped off; no signs of leaks or contamination.
- Fuel System: Inspected; no leaks or unusual odors detected.

Operational Test

- Engine Performance: Tested under load; delivers consistent power with no fluctuations.
- Hydraulic Operation: Smooth operation of loader arms, bucket, and auxiliary hydraulics.
- Travel Performance: 2-speed travel mode functions smoothly; no jerking or stalling.
- Braking System: Brakes tested and are responsive without lag.

Overall Condition

• The 2020 Caterpillar 262D3 is in good condition, with no significant issues detected. All systems operate as intended, and the machine is ready for immediate work. Minor cosmetic wear noted but does not affect performance.