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## Inspection Checklist for 2020 CATERPILLAR 289D3



Model: 2020 CATERPILLAR 289D3

Hours: 2,589

Condition: Good Condition

### Inspection Summary

This report provides a detailed assessment of the 2020 Caterpillar 289D3 Skidsteer, including its operational components, structural integrity, and general performance. The machine is evaluated as being in good condition, reflecting its service history and hours of operation. Below is the comprehensive checklist of the inspection results:

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#### Exterior and Structural Integrity

- Cab Condition: EROPS cab inspected; no visible damage, cracks, or leaks in the structure.
- Paint: Minor surface scratches consistent with age and usage, no rust or corrosion.
- Loader Arms: Inspected for bending, cracks, or excessive wear—none found.
- Chassis: Structurally sound with no signs of deformation or damage.

#### Hydraulic System

- Hydraulic Attach Bucket Coupler: Quick attach mechanism operates smoothly and securely locks attachments.
- Auxiliary Hydraulic Valves: Verified functionality—no leaks or pressure drops detected.
- Hydraulic Hoses: Inspected for wear, cracks, and leaks—no issues found.

- • Hydraulic Fluid Levels: Within manufacturer's specifications.

#### Tracks and Undercarriage

- • Rubber Tracks: Tread at approximately 75% remaining; no significant cuts, tears, or uneven wear.
- • Rollers and Idlers: Function properly with minimal wear; bearings are smooth with no excessive play.
- • Track Tension: Adjusted to manufacturer's specifications.

#### Engine and Powertrain

- • Engine Performance: Engine runs smoothly with no unusual noises, vibrations, or excessive smoke.
- • Oil Levels: Engine oil is clean and within operational limits.
- • Cooling System: Radiator and cooling components are free of debris, with no leaks detected.
- • Powertrain: Smooth operation; no delays or slips in responsiveness.

#### Electrical System

- • Battery: Holds charge and shows no signs of corrosion on terminals.
- • Lights: All exterior and interior lights are functional, including safety lights.
- • Control Panel: Digital and analog displays function as intended with no fault codes present.

#### Operator Controls

- • Control Levers and Joysticks: Fully operational with no sticking or excessive play.
- • Seat: Comfortable with minor wear; suspension operates correctly.
- • Cab Interior: Clean and free of damage; heating and air conditioning systems functional.
- • Safety Systems: Functional seatbelt and ROPS certification confirmed.

#### Bucket and Attachments

- • Bucket Condition: Hydraulic quick attach bucket inspected; no cracks, excessive wear, or structural issues.
- • Cutting Edge: Minor wear present but still functional.
- • Attachment Operation: Fully operational with no mechanical issues.

#### Fluid and Filter Maintenance

- • Engine Oil and Filter: Recently serviced and in good condition.
- • Hydraulic Fluid: Meets operational requirements; no contamination found.
- • Air Filter: Clean and free of obstruction.
- • Fuel Filter: No clogging or signs of contamination.

#### General Operation

- • Startup: Smooth start with no delays or warning indicators.

- • Operational Test: Machine performs as expected under load; no issues noted in travel, lifting, or attachment use.
- • Braking System: Brakes function correctly with no signs of wear or diminished performance.

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### **Overall Condition**

The 2020 Caterpillar 289D3 is in good operational condition with all major systems functioning as intended. Tracks, hydraulic systems, and the engine exhibit minimal wear relative to hours of use. Routine maintenance is up to date, and no immediate repairs are required.

### **Recommended Next Steps**

- Continue regular maintenance as per the manufacturer's schedule.
- Monitor track wear and cutting edge condition for eventual replacement.

### **Inspector's Notes**

This Skidsteer is well-maintained and ready for work, demonstrating reliability and efficiency in its current state.