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## Inspection Checklist for 2019 Caterpillar 299D2



### Equipment Details:

**Model:** 2019 Caterpillar 299D2

**Machine Hours:** 2333

**Condition:** Good

**Features:** Rubber Tracks, OROPS, 2-Speed Travel, Quick Attach Bucket, Auxiliary Valves

### Loader Arms and Frame

Loader arms checked for structural integrity.

Result: No cracks, bends, or signs of excessive wear.

Pins and bushings inspected for tightness and wear.

Result: All components securely in place with minimal wear.

Mounting points and welds examined.

Result: Welds intact; no signs of cracking or deformation.

### Hydraulic System

Hydraulic fluid levels verified.

Result: Fluid levels within manufacturer specifications.

Hydraulic hoses and connections checked for leaks and wear.

Result: No leaks or visible damage; hoses are in good condition.

Auxiliary hydraulic valves tested.

Result: Fully functional with smooth operation.

### **Tracks and Undercarriage**

Rubber tracks inspected for wear and damage.

Result: Tracks exhibit 80% tread remaining with even wear.

Track tension verified.

Result: Tension within recommended range.

Rollers and sprockets examined for wear.

Result: Minimal wear on rollers and sprockets; operationally sound.

### **Engine**

Engine starts smoothly and runs without unusual noises or vibrations.

Result: Engine in good working order; no abnormal sounds detected.

Exhaust system checked for leaks and emissions.

Result: No leaks; emissions are clean.

Air filter and intake system inspected.

Result: Air filter clean and intake system free of obstructions.

### **Operator Station**

ROPS structure verified for safety and stability.

Result: ROPS structure intact; no damage.

Controls and joysticks tested for responsiveness.

Result: Controls are responsive and operate smoothly.

Seat condition and seatbelt functionality.

Result: Seat in good condition; seatbelt operational.

### **Electrical System**

Lights and indicators tested.

Result: All lights and indicators functional.

Battery and connections inspected.

Result: Battery in good condition; terminals clean and secure.

Quick attach bucket system controls tested.

Result: Fully operational with no issues.

### **General Condition**

Bucket condition and cutting edge inspected.

Result: Bucket shows minimal wear; cutting edge in good shape.

Paint and overall cleanliness of the machine.

Result: Paint in good condition; machine is clean and well-maintained.

Final drive and drivetrain components checked.

Result: Final drive in excellent condition; no unusual noises or signs of wear.

### **Summary**

The 2019 Caterpillar 299D2 is a good, clean working machine. The inspection reveals no major issues, with all components operating as intended. Tracks, hydraulics, and engine are in good condition, consistent with the machine's hours. Ready for immediate use.