



Albatross Equipment Earthworks
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Inspection Checklist for 2019 CATERPILLAR 259D

Equipment Details:

Model: 2019 CATERPILLAR 259D

Machine Hours: 521

Condition: Good Condition



1. Exterior Condition

- Cab: Enclosed ROPS (EROPS) structure is clean and free of cracks or deformities. No visible signs of rust.
- Paint: Minor scratches noted; overall finish intact with no major fading or chipping.
- Glass/Windows: All glass components are intact with no cracks or damage. Seals around windows are tight and secure.
- Lighting: All exterior lights (work lights, safety lights) are operational without flickering or dimming.
- Decals: Manufacturer decals are present and legible.

2. Engine & Powertrain

- Engine: 74 HP Caterpillar Diesel engine starts and runs smoothly. No unusual noises, vibrations, or smoke detected.
- Oil Levels: Checked and within manufacturer's recommended range. Oil is clean, and no leaks were observed.
- Filters: Air and fuel filters are clean and well-maintained.
- Cooling System: Radiator and cooling components are clean and free of debris. Coolant levels are sufficient, and no leaks were found.
- Belts and Hoses: All belts and hoses are free of cracks, wear, or bulging.

3. Hydraulic System

- Hydraulic Hoses and Lines: Inspected for wear, cracks, and leaks. All lines are intact and in excellent condition.

- Hydraulic Fluid: Levels are sufficient, and fluid is clean with no signs of contamination.
- Auxiliary Hydraulics: Fully operational and responsive to control inputs.
- Hydraulic Quick Attach: Functions properly; attachment swapping is smooth and secure.

4. Loader Arms and Bucket

- Loader Arms: Structurally sound with no signs of bending, cracking, or excessive wear.
- Pivot Points: Pins and bushings show minimal wear. Greased and operating smoothly.
- Bucket: 84" HD bucket shows minor scuffing but no structural damage. Teeth are intact and sharp.

5. Tracks and Undercarriage

- Tracks: 16" rubber tracks exhibit uniform wear with approximately 85% tread life remaining.
- Rollers and Sprockets: Free of excessive wear; rotate smoothly without binding.
- Track Tension: Properly adjusted and within manufacturer's specifications.

6. Cab Interior and Controls

- Operator Seat: Clean and in excellent condition. No tears or stains noted.
- Controls: Pilot controls are responsive and operate without hesitation.
- Instrumentation: All gauges, indicators, and displays function as expected.
- Radio: Operational with clear sound quality.
- Climate Control: Heat and air conditioning perform well, maintaining a comfortable cabin environment.

7. Electrical System

- Battery: Terminals are clean and secure. No signs of corrosion.
- Wiring: Inspected for damage; no exposed or frayed wires detected.
- Rear Camera: Fully functional, providing a clear image without distortion.

8. Performance Checks

- Engine Start-Up: Smooth start with no excessive cranking required.
- Travel Performance: 2-speed functionality operates smoothly in both gears.
- Lift Performance: Loader arms lift and lower smoothly with no hydraulic lag.
- Tilt Function: Bucket tilt operates without delay or uneven movement.
- Noise Levels: Normal operational sounds with no excessive noise or rattling.

Summary

The 2019 Caterpillar 259D Skidsteer is in Good Condition, reflecting careful use and regular maintenance. Minor cosmetic wear is present but does not affect functionality. With only 521 hours, this machine is ready for work and requires no immediate repairs or service.