



Albatross Equipment Earthworks
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Inspection Checklist for 2018 Caterpillar 239D

Equipment Details:

- **Make and Model:** 2018 Caterpillar 239D
- **Hours:** 2,380
- **Condition:** Good



General Condition

- - Exterior panels: No dents or significant scratches, paint is intact and uniform.
- - Decals and safety labels: Legible and in place.
- - Chassis and frame: Structurally sound with no visible cracks or welds.

Cab/Operator Station

- - Enclosed cab (EROPS): Glass intact with no cracks or chips, seals in good condition.
- - Seat and controls: Seat fabric in good condition, all controls functional and responsive.
- - HVAC system: Heater and air conditioning operational.
- - Safety features: Seatbelt, rollover protection, and emergency exits verified operational.
- - Gauges and displays: Accurate readings, no warning lights illuminated.
- - Interior cleanliness: Free of debris, interior surfaces clean.

Hydraulic System

- - Hydraulic quick attach: Fully operational with no excessive wear or misalignment.
- - Hydraulic hoses and connections: No visible leaks, cracks, or signs of deterioration.
- - Auxiliary valves: Operational with smooth flow control.
- - Hydraulic fluid levels: Within manufacturer specifications.
- - Cylinders: No scoring, leaks, or excessive wear.

Tracks and Undercarriage

- - Rubber tracks: Uniform wear, tread at approximately 75% life remaining.

- - Track tension: Properly adjusted, no slack or uneven tension.
- - Rollers and sprockets: Free of excessive wear or damage.
- - Undercarriage frame: Structurally sound, no visible damage or debris buildup.

Engine and Powertrain

- - Engine start: Smooth and quick start with no excessive smoke or unusual noises.
- - Engine performance: Consistent power delivery, no overheating.
- - Air filter: Clean and within serviceable condition.
- - Oil and coolant levels: Proper levels, no contamination or leaks.
- - Fuel system: Free of leaks, fuel lines secure.

Electrical System

- - Battery: Secure, terminals clean, adequate voltage.
- - Lights: All exterior and interior lights operational.
- - Wiring: No exposed wires or visible damage.
- - Horn and alarms: Functional and audible.

Loader Arms and Bucket

- - Loader arms: No signs of bending, cracks, or excessive wear.
- - Pivot points and bushings: Proper lubrication, no play or excessive wear.
- - Hydraulic quick attach bucket: Secure and operational.
- - Bucket: Cutting edge intact with minimal wear, no cracks or holes.

Fluid Levels and Filters

- - Engine oil: Checked and replaced if needed.
- - Hydraulic oil: Within recommended levels.
- - Coolant: Adequate levels and tested for proper freezing point.
- - Filters (air, oil, hydraulic): Inspected and replaced as necessary.

Operational Test

- - Engine: Operated under load, no performance issues detected.
- - Controls: Smooth and responsive operation.
- - Hydraulic systems: Lift and tilt functions tested with no lag or abnormal noises.
- - Travel performance: Tracks operate smoothly in forward and reverse with no drifting.
- - Braking system: Effective stopping power.

Conclusion:

The 2018 Caterpillar 239D has been thoroughly inspected and is deemed work-ready with all systems operational. Regular maintenance and periodic checks are recommended to

sustain performance and reliability.