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Inspection Checklist for 2019 CATERPILLAR 239D3

Equipment Overview

Model: 2019 Caterpillar 239D3

Hours: 1,391

Condition: Good

Specifications:

- OROPS
- Pilot Controls
- 2-Speed Travel
- Auxiliary Hydraulics
- 67.1 HP Caterpillar Diesel Engine
- 74" General Purpose Bucket
- SSL Quick Attach System
- 16" Rubber Tracks
- 1,530 lbs Lift Capacity
- 7,434 lbs Operating Weight



Loader Arms & Attachments

- - Loader arms show no signs of cracks, bending, or excessive wear.
- - SSL Quick Attach system engages securely and operates smoothly.
- - 74" general-purpose bucket is free of dents, cracks, or significant damage.
- - Bucket pins and bushings inspected; minor wear consistent with hours.

Hydraulic System

- - Auxiliary hydraulics inspected—no visible leaks, hoses are in good condition.
- - Hydraulic fluid levels within the recommended range.
- - Hydraulic pump operates efficiently with no unusual noises or vibrations.
- - Cylinders on loader arms and bucket operate smoothly, with no leaks or signs of wear.

Engine & Powertrain

- - Caterpillar 67.1 HP diesel engine starts and runs smoothly.
- - No unusual noises, vibrations, or smoke detected during operation.
- - Oil levels checked and within range—oil is clean and recently serviced.
- - Coolant level and condition verified—suitable for operation.

Tracks & Undercarriage

- - 16" rubber tracks exhibit uniform wear with 85% tread remaining.
- - Undercarriage components (rollers, idlers, and sprockets) show moderate wear, consistent with hours.
- - Track tension is within manufacturer specifications.

Operator Station

- - Operator's cab (OROPS) is clean and free of damage or corrosion.
- - Pilot controls are responsive and operate all machine functions without delay.
- - Seat and safety restraints are in good condition.
- - Visibility is clear from all operator positions.

Electrical System

- - All lights, gauges, and warning indicators function as intended.
- - Battery terminals inspected; connections are secure, and voltage output is within range.
- - Ignition system operates without delay.

Travel & Drive System

- - 2-speed travel system shifts smoothly between speeds.
- - Tracks align properly during operation with no pulling to one side.
- - Brake system inspected and functions effectively.

Overall Structural Integrity

- - Chassis, frame, and weld points are intact with no cracks or damage.
- - Machine maintains a level stance on flat surfaces.
- - General appearance is clean and well-maintained, with only minor cosmetic wear.

Condition Summary:

The 2019 Caterpillar 239D3 is in good condition with no major defects or issues detected during the inspection.

Maintenance Required: Replace track tension springs during the next service interval as a preventive measure.

Additional Recommendations: Continue regular servicing and inspections every 250 hours to ensure optimal performance.