



Albatross Equipment Earthworks
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Inspection Checklist for 2022 Caterpillar 306CR



Inspection Summary

Boom, Arm, and Bucket

- - Boom and Arm Condition: No visible cracks, dents, or signs of stress. Minor surface wear consistent with hours of use.
- - Hydraulic Cylinders: Fully operational, no leaks, and seals in good condition.
- - Bucket Condition: 36" bucket shows minimal wear on teeth and edges, structurally sound with no cracks or weld repairs.

Hydraulic System

- - Hydraulic Fluid Levels: Checked and at recommended levels, no signs of contamination.
- - Hydraulic Hoses: No visible leaks or abrasions, connections secure and free of wear.
- - Hydraulic Pump: Operating smoothly under load, with no unusual noises or performance issues.

Undercarriage

- - Tracks: Rubber tracks in good condition, 85% life remaining, no cracks, cuts, or delamination observed.
- - Sprockets and Rollers: Minimal wear, sprockets and rollers are properly aligned and functioning.
- - Idlers: Good condition, no excessive wear or looseness.
- - Track Tension: Correctly adjusted and within manufacturer's specifications.

Swing Drive and Swing Motor

- - Swing Drive: Smooth operation, no jerks or unusual noises during testing.
- - Swing Motor: Free of leaks, operating as expected under load.

Engine and Exhaust System

- - Oil Levels: Checked and within normal range, no signs of leaks.
- - Filters: Clean and in good condition. No replacement needed at this time.
- - Exhaust: No visible smoke, unusual noise, or excessive vibration during operation.

Cab Condition

- - Interior Cleanliness: Cabin is clean and well-maintained, no damage to panels or components.
- - HVAC System: Air conditioning and heating are fully functional and effective.
- - Controls: All joysticks, pedals, and switches are responsive and operational.
- - Visibility: Glass panels are clean and free of cracks or chips.

Blade and Auxiliary Systems

- - 4-Way Blade: No damage or deformities, moves smoothly in all directions. Blade edge is in good condition.
- - Hydraulic Thumb: Operational with smooth movements and secure grip. No visible leaks or excessive wear.

Drivetrain and Performance

- - Joystick Tracking: Accurate and responsive during movement tests.
- - Travel Motors: Operate smoothly with no abnormal noises or power loss.

Additional Observations

- - Overall Operation: The excavator runs great, consistent with reported condition. No issues affecting performance or safety were identified during the inspection.