



Albatross Equipment Earthworks
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Inspection Checklist for 2021 Caterpillar 308 CR



Hydraulic System

- - Hydraulic Fluid Levels: Checked and found to be at the recommended levels. No leaks detected at hoses, cylinders, or fittings.
- - Hydraulic Hoses: Inspected for wear, cracks, or bulging; all hoses are in good condition.
- - Hydraulic Cylinders: Fully operational with no leaks or dents.
- - Hydraulic Thumb: Fully functional with smooth operation and no abnormal movement or hydraulic loss.

Boom, Arm, and Bucket

- - Boom and Swing-Away Boom: Inspected for cracks, dents, or damage; found in good condition with minimal wear.
- - Arm: No signs of structural damage or excessive wear. Pins and bushings are tight, indicating minimal play.
- - Bucket and Hydraulic Quick Coupler: Inspected bucket shows moderate wear, approximately 70% life remaining. Quick coupler operates efficiently with no issues.

Undercarriage

- - Tracks: Rubber shoes are in good condition with approximately 75% tread life remaining. No major cuts, cracks, or tears observed.
- - Sprockets, Rollers, and Idlers: Moderate wear noted but all components are within operational specifications.
- - Track Tension: Properly adjusted and within Caterpillar specifications.

Swing Drive and Swing Motor

- - Swing Motor: Operates smoothly with no unusual noises or jerks.

- - Swing Drive: Inspected and found to be in good working order with no leaks or play.

Engine

- - Oil Level and Quality: Oil level checked and within recommended range. No signs of contamination or excessive wear in the oil.
- - Filters: All filters clean and recently replaced during routine maintenance.
- - Performance: Engine starts promptly, idles smoothly, and exhibits no unusual noises or vibrations.
- - Exhaust System: No visible smoke or signs of leaks in the exhaust system.

Cab and Operator Controls

- - Cab Interior: Clean and well-maintained.
- - Controls and Gauges: All controls are functional, and gauges provide accurate readings.

Leveling Blade

- Condition: Blade shows minor wear but remains structurally sound.
- Operation: Moves and adjusts smoothly, meeting operational standards.

Electrical and Camera Systems

- Rearview Camera: Fully operational with a clear view.
- Lights: All work lights and safety lights are functional.
- Electrical System: Inspected, no visible issues, and all wiring intact.

Overall Assessment

The 2021 Caterpillar 308 CR is in good condition with all systems functioning as expected. Routine maintenance has been conducted, and no immediate repairs or replacements are required. The excavator is work-ready, with minimal wear on major components and no signs of significant damage or malfunction.