



Albatross Equipment Earthworks
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Inspection Checklist for 2022 Caterpillar 305CR



Equipment Details:

- Model: 2022 Caterpillar 305CR

- Hours: 435

- Condition: Good Condition

- Features: Enclosed Cab (EROPS), Rubber Tracks, Push Blade, Bucket with Hydraulic Thumb

Completed Inspection Checklist

Boom, Arm, and Bucket

- Boom Condition: Inspected for cracks and wear—no cracks or structural issues found.

- Arm Condition: Minor surface wear observed, no signs of damage or stress fractures.

- Bucket Condition: Tooth bucket securely attached, no visible dents or excessive wear. Hydraulic thumb operates smoothly with no leaks.

- Hydraulic Cylinders: Fully operational, seals intact with no visible fluid leaks.

Hydraulic System

- Hydraulic Fluid Levels: Checked and within recommended levels.

- Hoses and Fittings: No visible leaks or damage; fittings are secure.

- Hydraulic Pump: Functioning at optimal performance, no unusual noises or delays in operation.

- Cylinder Operation: Smooth operation observed across all functions (boom, arm, and thumb).

Undercarriage

- Tracks: Rubber tracks in good condition with approximately 85% life remaining. No visible tears or significant damage.
- Sprockets: Minimal wear observed, teeth are clean and well-maintained.
- Rollers and Idlers: All rollers and idlers inspected and functioning correctly with no excessive wear.
- Track Tension: Within specification; no adjustments needed.

Swing Drive and Swing Motor

- Swing Drive: Operates smoothly with no unusual noises, vibrations, or delays.
- Swing Motor: Inspected for leaks and operational performance; no issues found.

Engine

- Oil Levels: Checked and within proper range; no signs of contamination.
- Exhaust System: No smoke or unusual odors during operation.
- Air Filter: Clean and free from excessive dust or debris.
- Coolant Levels: Adequate, no leaks detected.
- Startup and Idle: Engine starts smoothly, idles without fluctuations, and delivers consistent power.

Cab Condition

- Interior Cleanliness: Cab is clean with no visible damage to interior surfaces.
- HVAC System: Heating and air conditioning fully functional.
- Controls and Gauges: All controls are responsive and gauges are accurate.
- Operator Seat: Comfortable with no tears or damage.

Push Blade

- Blade Surface: Straight and free from excessive wear or bends.
- Blade Operation: Hydraulics operate smoothly; no leaks or delays in movement.