



Albatross Equipment Earthworks
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Inspection Checklist for 2022 CASE TR270B

- **Model:** 2022 CASE TR270B
- **Machine Hours:** 675
- **Condition:** Good



1. General Condition

- **Exterior Condition:** Panels and paint are intact with minimal wear. No visible dents or significant scratches.
- **Cab Condition:** EROPS structure is secure with no visible damage. Glass is intact with no cracks or chips.
- **Overall Rating:** Good condition; minor cosmetic wear typical for machine hours.

2. Loader Arms and Bucket

- **Structural Integrity:** Loader arms are free from cracks, excessive wear, or signs of bending.
- **Pins and Bushings:** Secure and exhibit normal wear with no excessive play.
- **Bucket Condition:** Hydraulic quick-attach bucket securely mounts and functions correctly; cutting edge shows moderate wear but remains functional.
- **Hydraulic Coupler:** Operates smoothly, with no signs of leakage or malfunction.

3. Hydraulic System

- **Hydraulic Hoses:** Free from cracks, abrasions, or leaks. Connections are tight and secure.
- **Auxiliary Valves:** Functional and operating within specifications, with no pressure loss.
- **Fluid Levels:** Hydraulic fluid is at the recommended level, clean, and free of contamination.
- **Pump Operation:** No unusual noises; pump operates within normal parameters.

4. Rubber Tracks and Undercarriage

- **Track Condition:** Rubber tracks show 80% remaining tread with uniform wear.
- **Track Tension:** Properly adjusted with no signs of looseness or over-tightening.
- **Undercarriage Components:** Rollers, idlers, and sprockets exhibit normal wear consistent with machine hours. No damage or misalignment detected.

5. Engine and Cooling System

- **Engine Start and Operation:** Engine starts easily, idles smoothly, and responds well to throttle changes. No unusual noises or vibrations.
- **Exhaust System:** Free from leaks, and emissions appear normal.
- **Fluid Levels:** Engine oil and coolant levels are within the recommended range, with no contamination.
- **Cooling System:** Radiator and cooling fan operate efficiently, with no overheating or leaks detected.

6. Operator Controls and Electrical Systems

- **Control Panel:** Fully operational, with no fault codes displayed.
- **Switches and Levers:** Responsive, with no sticking or excessive wear.
- **Lights:** All lights (work, safety, and beacon) are functional.
- **Electrical Wiring:** Wiring and connectors are intact, with no visible fraying or corrosion.

7. Safety Features

- **ROPS:** Meets safety standards and is structurally sound.
- **Seatbelt and Restraints:** Fully functional and free of damage.
- **Emergency Stop:** Operational and easily accessible.
- **Backup Alarm:** Functional and audible.

8. Additional Features

- **Auxiliary Hydraulics:** Fully operational, with proper flow rates and pressure.
 - **Air Conditioning and Heating (if applicable):** Cooling and heating systems operate effectively.
 - **Hydraulic Quick Attach:** Functions correctly, allowing for smooth attachment changes.
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Overall Assessment:

The 2022 CASE TR270B is in **good working condition** with no significant mechanical or structural issues. The machine is ready for work, with minor cosmetic wear and standard maintenance items in line with usage. Regular servicing and inspections have preserved the machine's functionality and performance.