



Albatross Equipment Earthworks
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Inspection Checklist for 2021 JCB 270T

Model: 2021 JCB 270T
Machine Hours: 1,802



1. General Condition

- **Overall Appearance:** The machine exterior is clean and shows no signs of excessive wear, dents, or structural damage. Minor surface scratches are present, consistent with normal use.
- **Cab Interior:** The operator cabin is clean, and all features (heat, air conditioning, radio) are functional.
- **Machine Hours:** Verified at 1,802.

2. Loader Arm and Bucket

- **Loader Arm Condition:** Inspected for cracks, bends, or excessive wear; none found. The loader arm is structurally sound.
- **Bucket:** The 84" general-purpose bucket is in good condition with minor scuffing. No cracks, dents, or warping were detected.
- **Quick Attach System:** Hydraulic SSL quick attach operates smoothly, locks securely, and is free of leaks or defects.

3. Hydraulic System

- **Auxiliary Hydraulics:** Verified for functionality and flow. Pressure and performance are within manufacturer specifications.
- **Hoses and Lines:** Inspected for leaks, cracks, or abrasions. All hydraulic lines are in excellent condition.
- **Fluid Levels:** Hydraulic fluid is at the recommended level with no signs of contamination.

4. Engine and Powertrain

- **Engine Performance:** The 74 HP JCB EcoMax Diesel starts easily, runs smoothly, and exhibits no unusual noises, vibrations, or smoke. Turbocharger operates efficiently.
- **Fluid Levels:** Engine oil, coolant, and fuel levels are within specifications. Oil and coolant are clean with no signs of contamination.
- **Air Filters:** Inspected and in good condition. No replacement needed.
- **Two-Speed System:** Shifts between speeds smoothly without delays or irregularities.

5. Tracks and Undercarriage

- **Track Condition:** 17.5" rubber tracks exhibit uniform wear with approximately 75% tread remaining.
- **Undercarriage Components:** Idlers, sprockets, rollers, and tensioners are free of damage and operate as intended.
- **Track Tension:** Correctly adjusted per manufacturer guidelines.

6. Electrical System

- **Battery:** Voltage and connections tested; battery is in good condition with no corrosion.
- **Lighting:** All exterior and interior lights are operational.
- **Display Panel:** The electronic display is fully functional and provides accurate readings.
- **Switchable Joystick Controls (SJC):** Responsive and free of defects.

7. Cooling System

- **Radiator and Coolant System:** Radiator fins are clean and free of blockages. Coolant is at the proper level and exhibits no leaks.
- **Fan and Belts:** Fan operates as intended, and belts show no signs of cracking or wear.

8. Operator Controls and Safety Features

- **Controls:** Joysticks, throttle, and switches respond accurately without stiffness or delay.
- **Safety Features:** Seatbelt, lap bar, and emergency stop are functional.
- **Backup Alarm and Camera:** Both operate as intended.

9. Miscellaneous Components

- **Attachments:** All auxiliary attachment ports are clean, functional, and free of damage.
- **Frame and Chassis:** Inspected for cracks, rust, or deformation. None found.
- **Paint and Decals:** Minimal cosmetic wear. Decals are legible and intact.

Inspection Summary

The 2021 JCB 270T Skidsteer is in **good condition** with no significant mechanical or structural issues identified during the inspection. All systems and features are fully operational, and the machine is ready for work. Tracks show 75% tread remaining, and minor cosmetic wear is consistent with its 1,802 hours of use. Routine maintenance has been well performed, and no immediate repairs are required.

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