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Inspection Checklist for 2019 Kubota U27-4



Boom, Arm, and Bucket

- **Bucket Condition:** 18" bucket is in good condition with no visible cracks, dents, or excessive wear. Teeth are intact and functional.
- **Hydraulic Thumb:** Fully operational with no visible leaks. Pivot points and pins are tight with minimal wear.
- **Boom and Arm:** No visible cracks, dents, or non-factory welds. Hydraulic cylinders are in good condition with no signs of pitting or damage.

Hydraulic System

- **Hydraulic Fluid Levels:** Checked and within the recommended range.
- **Hydraulic Hoses and Lines:** No visible leaks, wear, or damage. Hoses are pliable and securely connected.
- **Hydraulic Pump:** Operating within standard parameters, with no unusual noises or performance issues.

Undercarriage

- **Tracks:** Tracks show moderate wear, with approximately 70% life remaining. No major cracks or damage to the rubber.
- **Track Tension:** Tension is within manufacturer specifications.
- **Rollers and Sprockets:** Rollers and sprockets are in good condition, showing normal wear consistent with hours of operation.

- Idlers: Functioning as expected with no visible damage or excessive wear.

Push Blade

- Blade Condition: Push blade is in good condition, with no visible dents or cracks. Edge shows minor wear but remains operational for leveling tasks.
- Hydraulic Operation: Blade operates smoothly with no visible hydraulic leaks or issues.

Swing Drive and Swing Motor

- Swing Motor: Operates smoothly with no unusual noises, jerks, or hesitation.
- Swing Bearing: Inspected and found to have no visible play or signs of wear.

Engine

- Oil Levels: Checked and within the recommended range, with no signs of contamination.
- Exhaust System: No visible smoke or unusual odors during operation.
- Filters: Air and oil filters inspected and appear clean and functional.
- Overall Performance: Engine starts smoothly and operates consistently under load with no unusual noises or performance issues.

Cab Condition (OROPS)

- Operator Controls: All controls are functional, including joysticks, switches, and pedals.
- Visibility: Unobstructed 360-degree visibility from the operator's position.
- Seat Condition: Operator seat is clean and in good condition with no rips or excessive wear.

Electrical System

- Lights and Indicators: All lights and indicators are operational, including safety lights.
- Battery: Battery voltage tested and found to be within acceptable range, with clean terminals and secure connections.

Operational Tests

- Travel Performance: Tracks function smoothly in both directions, with no unusual noise or vibration.
- Hydraulic Thumb and Coupler: Hydraulic thumb responds promptly and functions as designed. Quick coupler engages and releases attachments without difficulty.
- Boom and Arm Movement: Boom and arm operate smoothly, with no noticeable delay or resistance.

Summary

This 2019 Kubota U27-4 excavator is in good condition, with all major components inspected and found to be functional. Minor wear consistent with machine hours is present, but no immediate repairs or maintenance are required beyond routine service intervals.