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## **Inspection Checklist for 2022 KUBOTA U27-4**



### **Boom, Arm, and Bucket**

**Bucket Condition:** 24" bucket inspected; minimal wear, no cracks or deformation. Hydraulic thumb fully operational, securely mounted, and no visible hydraulic leaks.

**Boom and Arm:** Showed minor wear consistent with usage hours, no visible cracks, bends, or damage. Welds are intact with no signs of fatigue.

### **Hydraulic System**

**Hydraulic Fluid Levels:** Fluid levels within recommended range, clean with no contaminants.

**Hoses and Cylinders:** All hoses inspected; no leaks, cracks, or bulging. Cylinders fully operational with no seepage or scoring.

**Pump and Auxiliary Hydraulics:** Pump operates efficiently; auxiliary hydraulics tested and performing as expected with no irregularities.

### **Undercarriage**

**Tracks:** Rubber tracks in good condition with approximately 75% life remaining. No cracks, splits, or delamination observed.

**Sprockets, Rollers, and Idlers:** All components showed moderate wear consistent with hours of operation; no excessive wear or damage. Track tension properly adjusted.

### **Swing Drive and Swing Motor**

**Swing Drive Operation:** Smooth rotation with no excessive noise or jerking.

**Motor Condition:** Motor checked and functioning properly, with no signs of wear or hydraulic leakage.

## Engine

Oil Levels: Oil checked and within the recommended range; no signs of contamination or excessive soot.

Filters: Engine air filter and fuel filter inspected; clean and functioning efficiently.

Exhaust: No unusual smoke, noise, or exhaust leaks detected during engine operation.

## Cab Condition

Controls and Gauges: All operator controls, switches, and gauges tested and fully functional.

Visibility: Glass is intact with no cracks or scratches that impair operator visibility.

HVAC System: Heating, ventilation, and air conditioning tested and operating effectively.

Operator Seat: Clean and free of tears or excessive wear; seat adjustment mechanisms are operational.

## Transmission and Drivetrain

Performance: Drivetrain and transmission operate smoothly with no unusual vibrations or delays. Push blade functionality tested and working as expected.

## Additional Features

Push Blade: Blade condition is excellent with minimal wear; hydraulic operation smooth with no leaks.

Hydraulic Thumb: Fully functional, securely mounted, and responsive to controls.

## Summary of Findings

The 2022 Kubota U27-4 is in good condition with no significant issues detected. Routine maintenance is up to date, and the excavator is ready for immediate operation. Minor wear consistent with its usage hours is present but does not impact performance or reliability.