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## Inspection Checklist for 2021 Kubota KX040-4



### Inspection Checklist

#### Hydraulic System

- Hydraulic Fluid Levels: Checked and within the recommended range, no leaks found at hoses or cylinders.
- Hydraulic Thumb: Fully operational with no visible wear or leaks.
- Auxiliary Valves: Inspected, valves and hoses are in excellent working condition.
- Hydraulic Cylinders: Smooth operation, no visible scoring or leaks on seals or rods.

#### Undercarriage

- Rubber Tracks: 90% life remaining, no visible cracks, cuts, or excessive wear. Track tension is set within manufacturer specifications.
- Idlers and Rollers: Inspected, no abnormal wear or damage. Rollers rotate smoothly without binding.
- Sprockets: No excessive wear or chipping observed; teeth are sharp and uniform.
- Undercarriage Frame: No cracks, dents, or signs of structural fatigue.

#### Boom, Arm, and Bucket

- Boom and Arm: Inspected for cracks and welds, no signs of stress fractures or repairs.
- Bucket: 24" bucket is in good condition with minimal wear on cutting edges and teeth. No visible cracks or deformation.
- Pins and Bushings: Tight, with no excessive play or unusual noises during operation.

## Engine

- Oil Levels: Checked and within the normal range; oil is clean with no signs of contamination.
- Air Filter: Clean, no debris or blockages observed.
- Exhaust System: No visible smoke or unusual noises during engine operation. Exhaust pipe securely mounted with no leaks.
- Coolant Levels: Properly filled, no leaks from hoses or radiator observed.

## Cab Condition

- Operator Controls: All controls are functional with no lag or excessive wear.
- Visibility: Glass is clean and intact, no cracks or scratches that impede visibility.
- HVAC System: Heat and air conditioning both operational and maintain cabin temperature effectively.
- Operator Seat: Clean and undamaged, all adjustments function as intended.

## Blade

- Float Angle Blade: Inspected, blade is straight and level, with minimal wear. All hydraulic controls operate smoothly.
- Blade Edge: Minor wear consistent with use; no cracks or damage that affects performance.

## Swing Drive and Swing Motor

- Swing Motor: Operates smoothly with no unusual noises or jerks.
- Swing Bearing: Checked for play; bearing is tight and rotates smoothly.

## Electrical Systems

- Lights: All lights are functional, including work lights and indicators.
- Battery and Connections: Battery terminals are clean, and the battery holds a charge properly.

## General Observations

- The equipment shows no signs of structural damage or non-factory welds.
- Paintwork is in good condition with only minor scuffs from regular use.
- No fluid leaks observed from any system during the inspection.

## Summary

The 2021 Kubota KX040-4 excavator is in good condition, with minimal wear consistent with 110 operating hours. All systems, including hydraulics, engine, undercarriage, and cab, are fully functional and meet operational standards. The equipment is work-ready with no immediate maintenance or repairs required.