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Inspection Checklist for 2017 Kubota KX080-4



Boom, Arm, and Bucket

- Boom and Arm Condition: No visible cracks or structural damage. Minor surface wear observed, consistent with normal operation.
- Hydraulic Cylinders: Fully operational with no leaks detected at seals or hoses. Minimal wear on cylinder rods.
- Bucket: 36" tooth bucket shows minor wear, teeth intact, and edges sharp. Bucket pins and bushings secure with no excessive play.

Hydraulic System

- Hydraulic Fluid Levels: Within recommended range. Fluid is clean, with no signs of contamination.
- Hoses and Fittings: Inspected; no visible leaks or wear. Secure connections observed at all points.
- Auxiliary Hydraulics: Functional with smooth operation of the hydraulic thumb and no issues detected.
- Hydraulic Pump: Operational, no unusual noises or signs of wear.

Undercarriage

- Tracks: 18" rubber tracks in good condition with approximately 70% life remaining. No visible cracks or tears.

- Sprockets and Rollers: Moderate wear, functioning as expected. No visible damage to sprockets, rollers, or idlers.

- Track Tension: Adjusted to proper specifications with no issues detected.

Swing Drive and Motor

- Swing Motor Operation: Smooth and responsive, no unusual noises or jerking.

- Swing Bearing: Tight and functional, with no excessive play or grinding noises during operation.

Engine

- Engine Oil Levels: Checked and within normal operating range. Oil is clean with no signs of contaminants.

- Exhaust System: No unusual noise, smoke, or emissions during testing. Exhaust pipe and connections are intact.

- Filters: Engine air and oil filters inspected, clean, and in good condition.

- Performance: 67 HP Kubota diesel engine starts smoothly, runs evenly, and performs without hesitation under load.

Cab and Controls

- Interior Condition: Clean, with no significant wear on seats, controls, or panels.

- HVAC System: Heating and air conditioning systems fully operational. Radio tested and functioning.

- Gauges and Controls: All gauges, joysticks, and controls are functional and responsive.

Transmission and Drivetrain

- Two-Speed Travel: Both speed modes operational with smooth transitions.

- Drivetrain Performance: No abnormal noises or issues during operation.

Backfill Blade

- Condition: 88" hydraulic angle blade in good condition. Blade edges show moderate wear, with no cracks or deformation.

- Hydraulic Operation: Blade adjusts and operates smoothly.

Summary

The 2017 Kubota KX080-4 has been inspected thoroughly and is in good condition, with all major systems and components functioning properly. Minor wear consistent with machine age and hours was noted, but no significant defects or maintenance concerns were identified. This excavator is work-ready and requires no immediate repairs.

