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Inspection Checklist for 2019 Kubota KX040-4



Inspection Checklist

Boom, Arm, and Bucket

- Boom and Arm: Inspected for structural integrity; no visible cracks, dents, or weld repairs. Minimal surface wear noted, consistent with machine hours.
- Hydraulic Cylinders: Functioning smoothly with no visible leaks. Cylinder rods are clean and free of pitting or scratches.
- Bucket: 24" bucket is in good condition with moderate wear on teeth. No cracks or signs of distortion. Coupler securely attaches to the bucket.

Hydraulic System

- Hydraulic Fluid Levels: Checked and within manufacturer's specifications. No visible leaks at hoses, connectors, or cylinders.
- Hydraulic Hoses: Free from cracks, abrasions, or excessive wear. Fittings are secure with no seepage.
- Hydraulic Thumb: Fully operational with no hydraulic leaks or binding during movement.

Undercarriage

- Tracks: Rubber tracks show 85% life remaining, with no visible cuts, cracks, or deformations. Track tension is within recommended range.

- Sprockets and Rollers: Moderate wear on sprockets; rollers and idlers in good condition, rotating freely without resistance or noise.

- Track Tension: Adjusted correctly and within manufacturer's tolerances.

Swing Drive and Swing Motor

- Swing Motor: Operates smoothly with no unusual noises or jerks. No signs of oil seepage or overheating.

- Swing Bearing: Inspected for play; no excessive movement detected.

Engine

- Oil Level: Checked and within normal range. Engine oil is clean, with no signs of contamination.

- Air Filter: Inspected and clean, with no obstructions or excessive dust accumulation.

- Exhaust: No visible smoke during operation. Exhaust system free of leaks or damage.

- Engine Performance: Starts smoothly and runs without unusual noises or vibrations.

Cab and Controls

- Cab Condition: Clean and well-maintained. No broken or cracked glass.

- Controls: All levers, joysticks, and pedals are functional, showing no resistance or abnormal operation.

- HVAC System: Heating and air conditioning systems are fully operational and maintain consistent cabin temperatures.

- Operator Seat: Seat and seatbelt in good condition, free of tears or wear.

Electrical System

- Battery: Securely mounted with terminals free from corrosion. Voltage within normal range.

- Lighting: All work lights and indicators are functional.

- Warning Indicators: No active fault codes or warning lights on the control panel.

Blade and Attachments

- Angle Blade: Operates smoothly through its full range of motion. Cutting edge shows minor wear, with no cracks or chips.

- Hydraulic Thumb: Fully operational, responding promptly to control inputs. No visible damage or leaks.

General Machine Condition

- Frame and Body: Inspected for dents, cracks, or other structural damage; none found. Paint is in good condition with minimal scratches.

- Lubrication Points: All grease points checked and serviced.

- Fluid Levels: Coolant, hydraulic, and engine oil levels are within recommended ranges. No leaks detected in the reservoir tanks.

Inspection Summary

The 2019 Kubota KX040-4 is in good operational condition. All key systems and components were inspected, and no significant issues were identified. Minor wear consistent with usage was noted, with no immediate repairs or maintenance required beyond routine servicing.