

Heavy Equipment Inspection Checklist

Exterior

- Look for dents, scratches, or cracks
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Tires & Tracks

- When were the tracks replaced?
 - Does the wear and tear on these tracks or tires align with the reported hours logged?
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Engine & Transmission

- Check for leaks or other damage
 - Check how the engine starts
 - Is there dark smoke?
 - Are there rattling or knocking sounds
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Undercarriage & Chassis

- Are there hairline fractures, rust, or extensive wear on bearings, spring coils, or mountings?
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Hydraulic Hoses & Fluids

- Open the engine bay and the hydraulic fluid hatch to check all fluid levels
 - Inspect all hoses for any wet spots inside or under the equipment
 - Inspect the coolant, engine oil, and transmission fluids to see if there are build-ups of dirt
 - Make sure that there is no water in the engine oil
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Cab & Operating Controls

- Turn on the equipment and make sure that all the controls work as expected
 - Keep an eye out for problems such as sticky controls, excessive vibrations, or malfunctioning lights
 - Does the back-up siren still make noise?
 - Make sure the air conditioning and heating system work properly
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Specific Equipment Inspections

- Check the bucket panels and teeth for damage, wear, and any welds.
 - Check the arm of the excavator for cracks, poor welds, or any cracked pins and bushings.
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