

Inspection Report (Backhoe Loader)

General Info

Year	2012
Make	CAT
Model	420F
Serial Number	SKR00900
Hour Meter Reading	2,217 Hrs.
Previous Application (e.g., earth moving, mining, demolition, etc)	Concrete General Construction

Dimensions

Measurement Guide	A B
A. Length (ft and inches)	23' 6"
B. Width (ft and inches)	7' 7"
C. Height (ft and inches)	11' 11"
Operational Weight (lbs)	20,225 Lbs.

Features and Configuration

Control Station Type	Canopy
Loader Bucket	Yes
Loader Bucket Specs	85"
Backhoe Bucket	Yes
Backhoe Bucket Specs	18"
Additional Attachment(s)?	No
Auxiliary Hydraulics	Yes
Heat	No
A/C	No
Radio	No
Backup Camera	No
OMM (Operator & Maintenance Manual)	No
Telematics	No
Other Configuration Details / Notes	Machine equipped with AWD, Auxiliary hydraulics and Extendable stick. Waynroy Style, B.H.bucket quick coupler equipped. 4 to 1 front Loader Bucket installed.

Exterior 360 Walkaround



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Exterior 360 Walkaround

Instructions

Take photos of the exterior of the piece of equipment. Capture a full 360 degree walk around and all major components.

Must have shots to capture:

- Front 45 degree corner shot of left front
- 45 degree corner shot of right front
- Left side
- Right side
- Rear
- 45 degree corner shot of left rear
- 45 degree corner shot of right rear

Tips for good photos:
- Move the equipment into a open area without any visual distractions or other equipment in the background

Exterior Walkaround Photos















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General Appearance Inspection Points

General Appearance



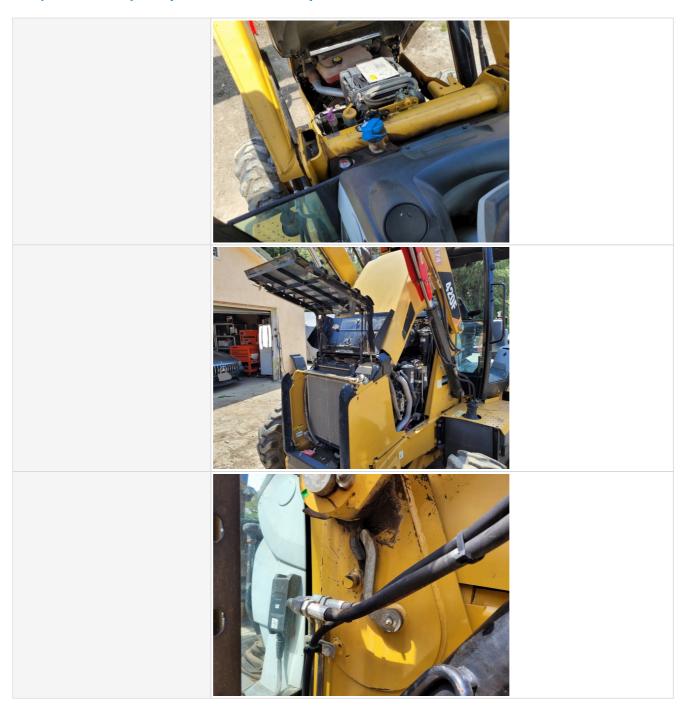
Close-up Exterior Photos















Fiberglass crack







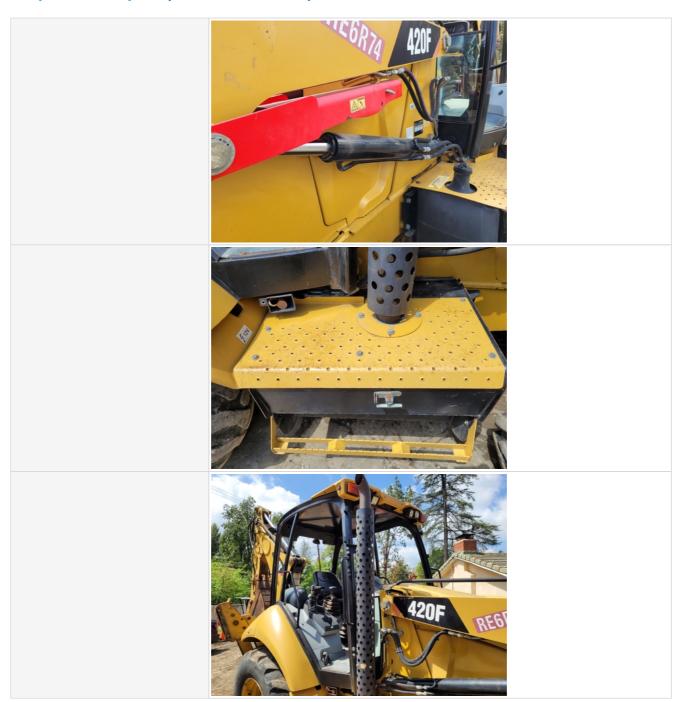


Top hood dented

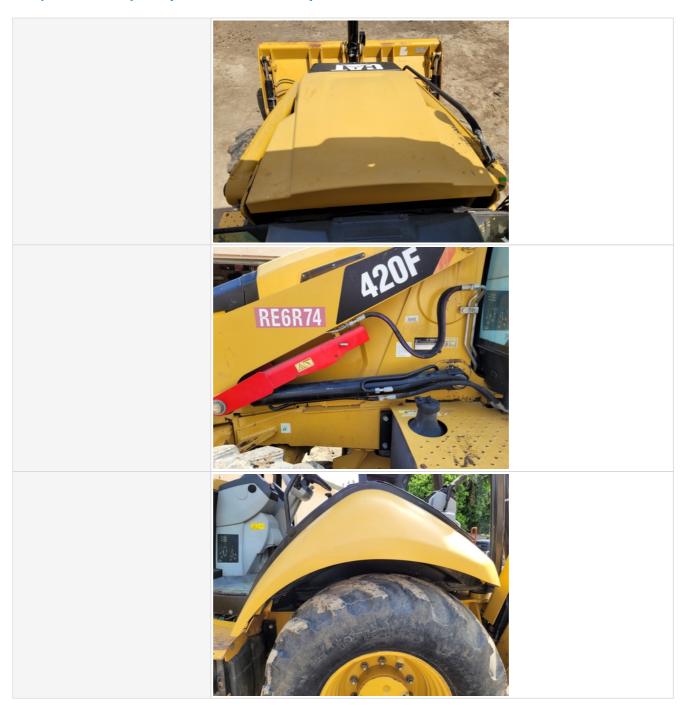




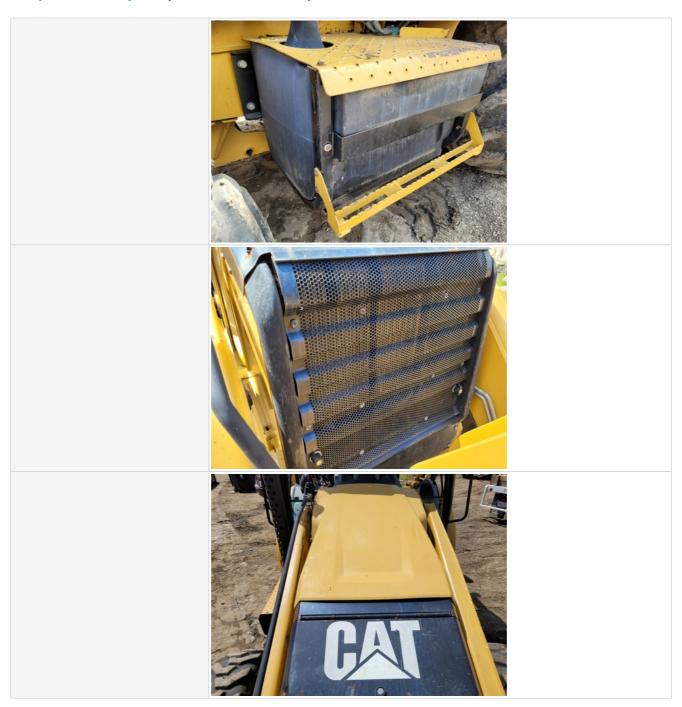




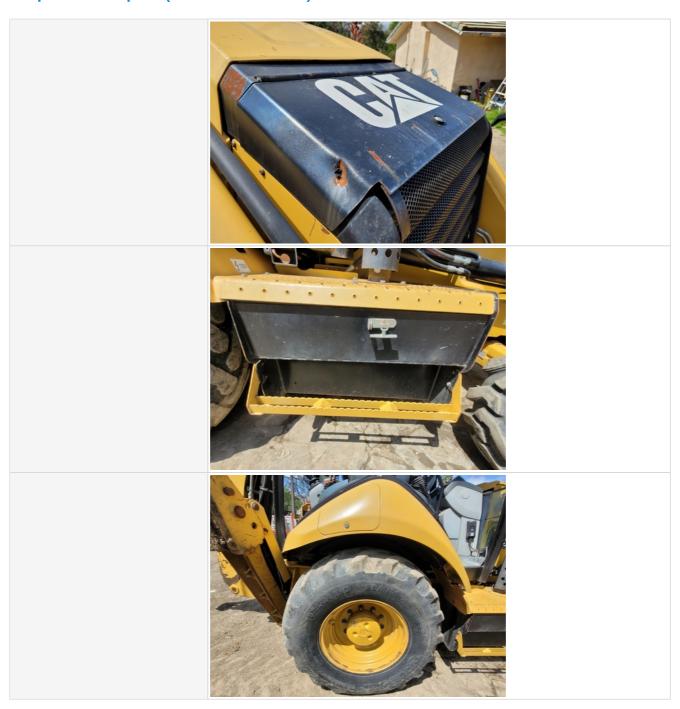




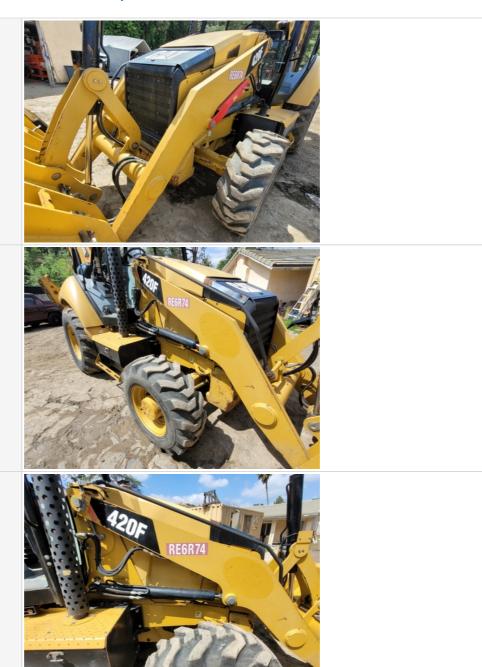






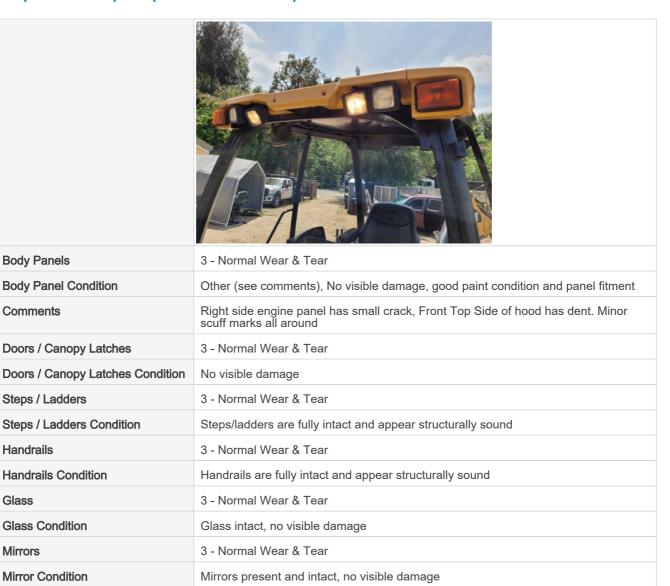








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Control Station Inspection Points

Exterior Lights

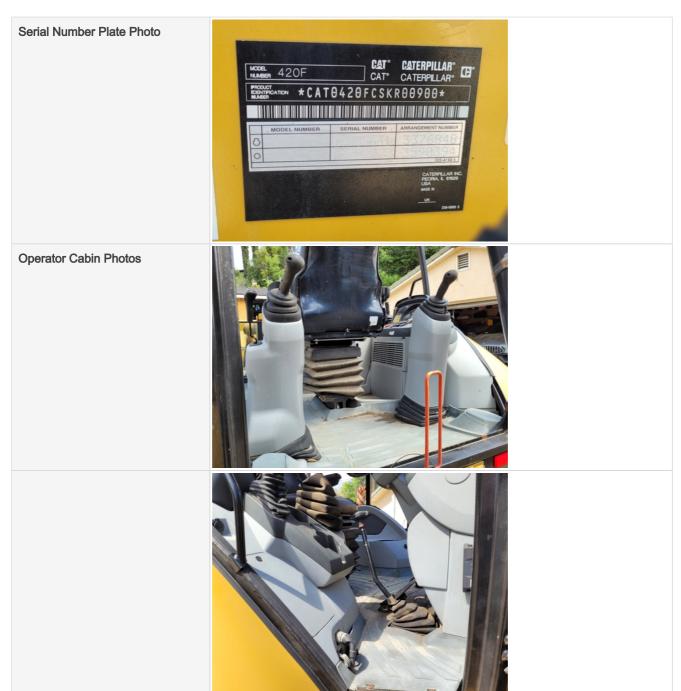
Exterior Lights Condition

Control Station	
Control Station	Take close-up photos of operator control station or cab including the floors, panels, headliner, seat, controls & displays, gauges & meters, and interior lights. Note any damage or wear.

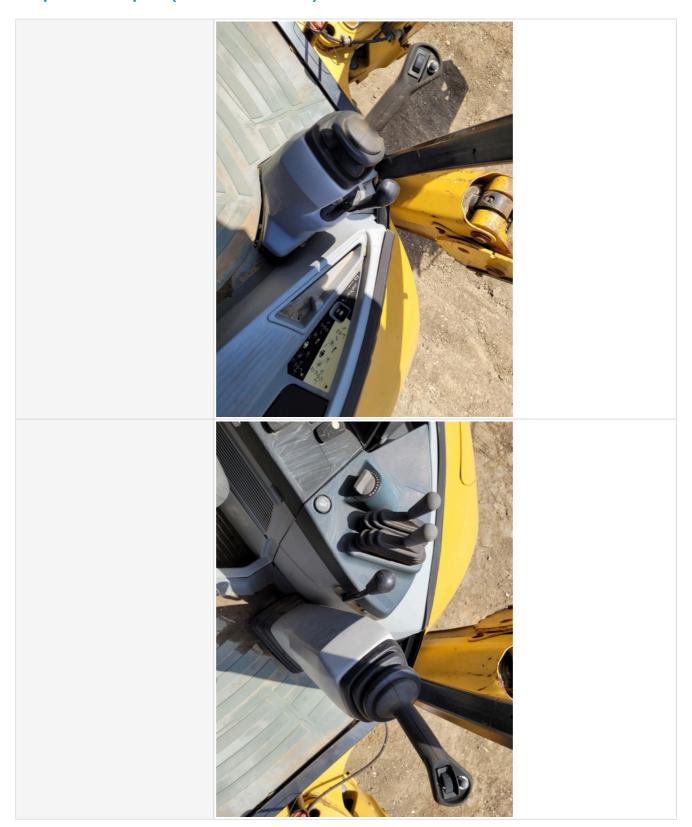
No visible damage, lighting system is operational

3 - Normal Wear & Tear

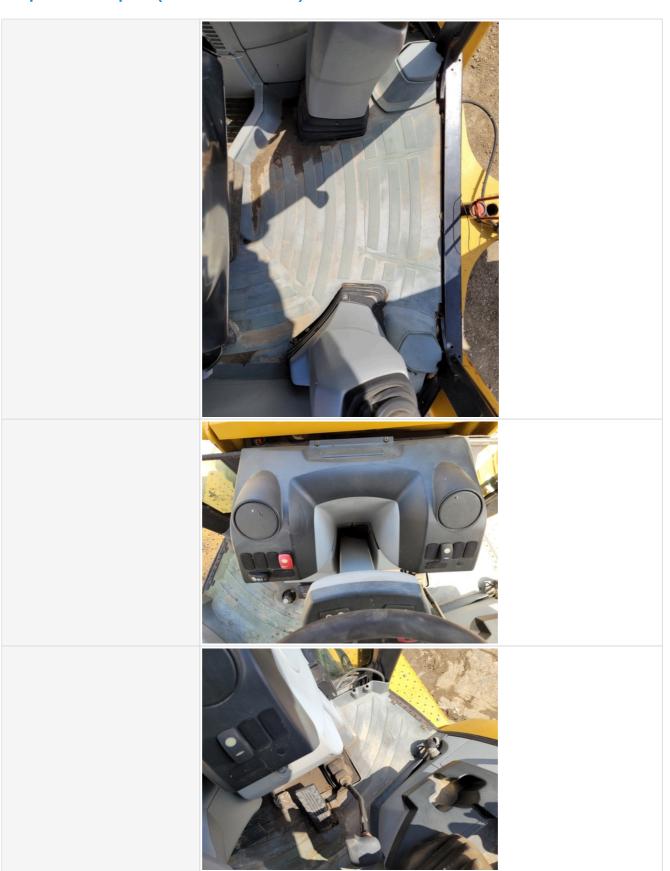




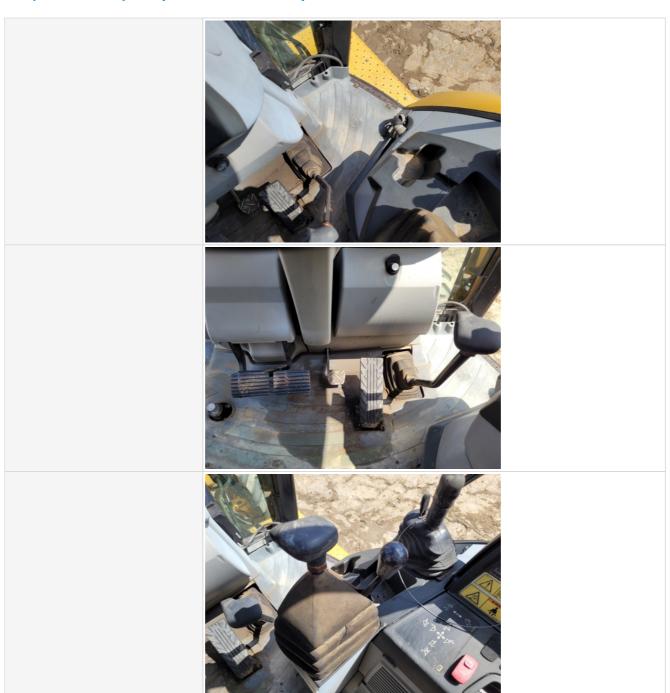




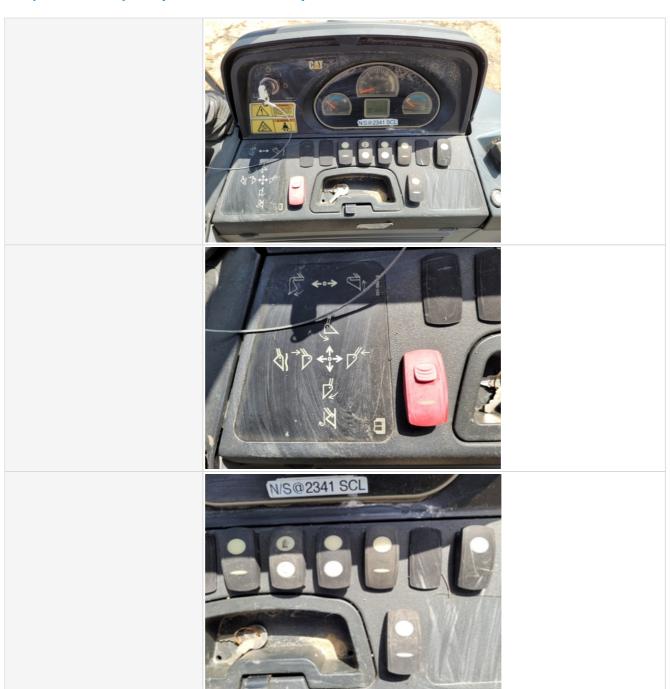




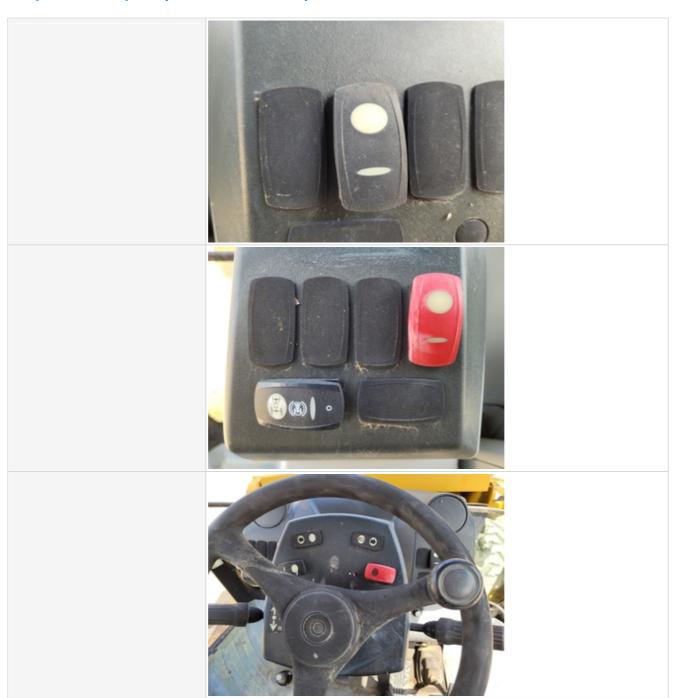




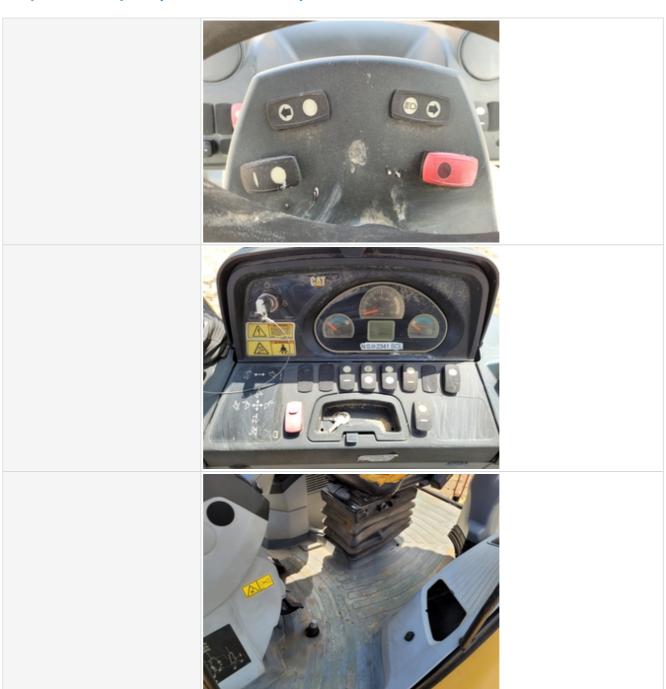




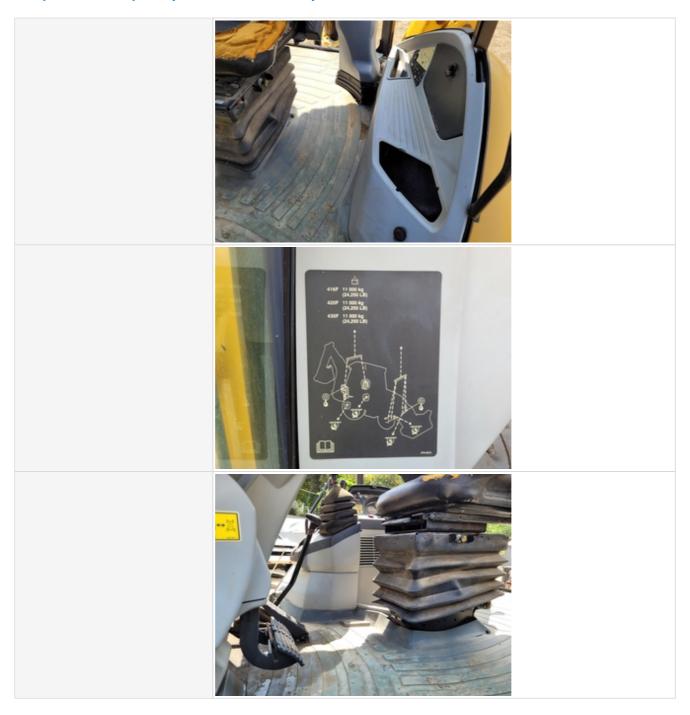














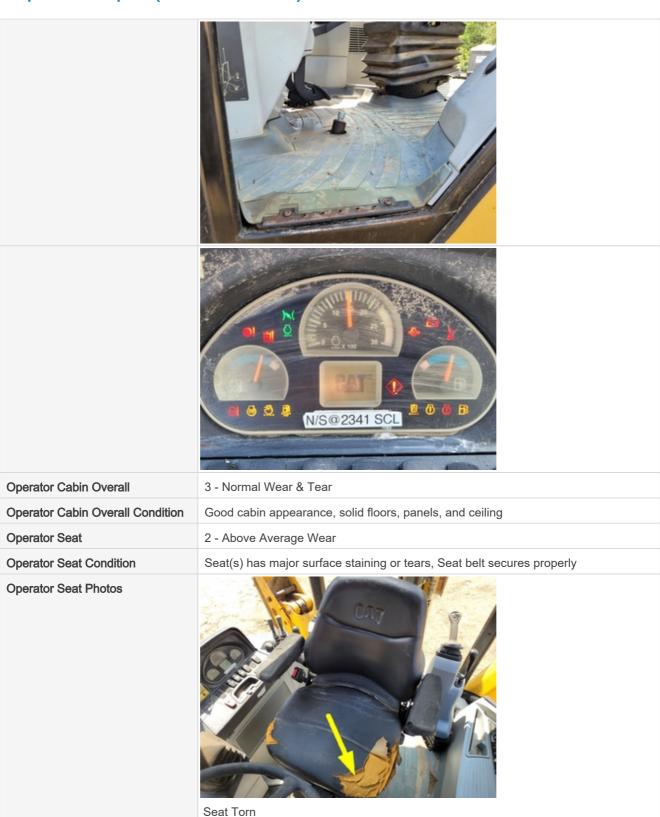


Cover missing









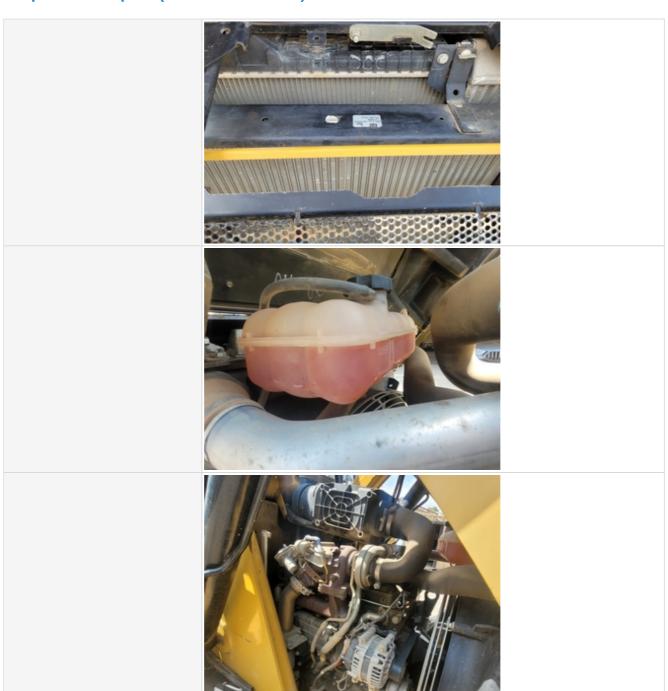


Cabin Lights	0
Safety Lock Out / Stop	3 - Normal Wear & Tear
Safety Lock Out / Stop Condition	Safety lock out device is present, in good condition, and functional
Controls & Switches	3 - Normal Wear & Tear
Controls & Switches Condition	All switches are installed and functional, Other (see comments)
Comments	Switch decals worn and unreadable
Hour Meter Activity	3 - Normal Wear & Tear
Hour Meter Condition	Hour meter is functional and in good condition
Hour Meter Activity Photos	N/24/ X 2217.8°
Other Gauge Activity	3 - Normal Wear & Tear
Other Gauge Condition	All cockpit gauges are functional and in good condition
Heater & A/C	0
Travel Alarm	3 - Normal Wear & Tear
Travel Alarm Condition	Travel alarm is installed and functioning as expected
Horn	3 - Normal Wear & Tear
Horn Condition	Horn is installed and functioning as expected



Engine Inspection Points	
Engine	
Engine Type (Make, Model, Cylinders, Hp)	CAT - C4.4 - 4Cyl 99HP
Emissions Tier	Tier 4i
Engine Serial Number	C7N05631
Engine Fuel Type	Diesel
Engine Photos	











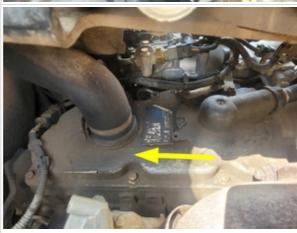
Engine sensor wiring damaged





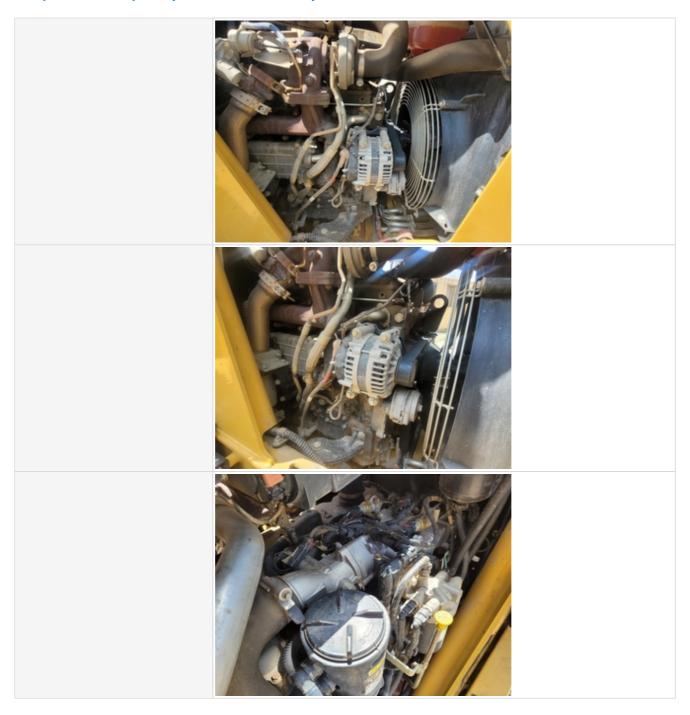




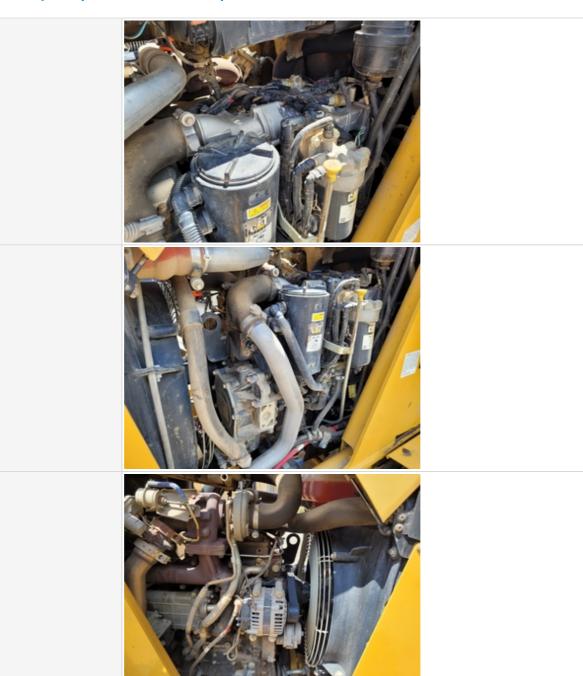


Residual oil buildup on valve cover. No active leak seen

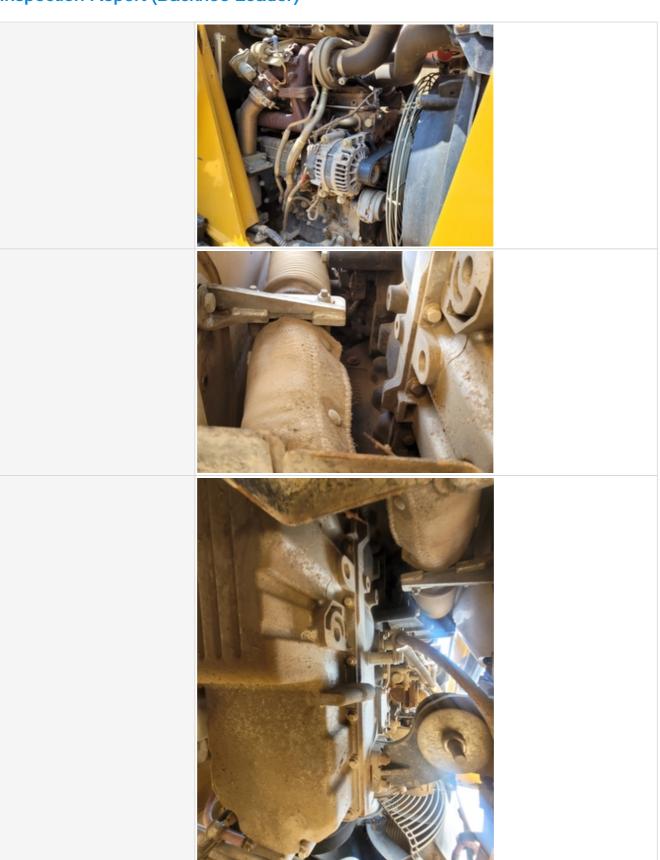


















Blow-by (Visual Observation Check)	No
Unusual Noises (Upon Start-up, Idle, Shutdown)	No
Unusual Noise Notes	No unusual noises heard
Engine Smoke (Upon Start-up, Idle, Shutdown)	No
Engine Smoke Notes	No engine smoke issues observed
Engine Exhaust Color	Clear
Battery	3 - Normal Wear & Tear
Battery Condition	Dusty & dirty appearance
Radiator	3 - Normal Wear & Tear
Radiator Condition	Radiator fins & components appear to be in good working order, no signs of damage or leaks
Belts	3 - Normal Wear & Tear
Belt Condition	Belts appear in good condition & alignment with proper tension
Hoses	3 - Normal Wear & Tear
Hose Condition	Firm, pliant hoses with no signs of wear or leaks



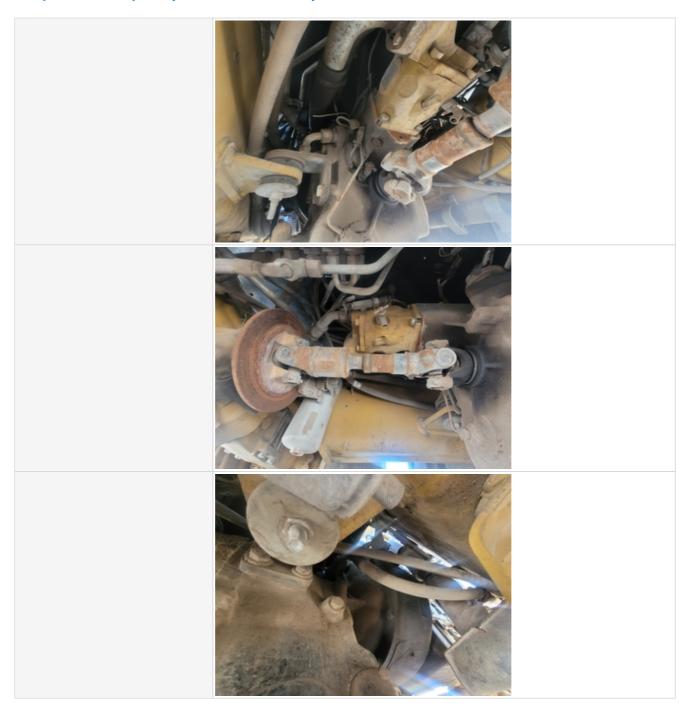
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Water Pump	3 - Normal Wear & Tear
Water Pump Condition	No unusual pump noises heard
Cooling System Leaks	No
Coolant Color / Appearance	3 - Normal Wear & Tear
Coolant Color/Appearance Notes	Normal Translucent appearance, no visual signs of contamination
Oil Leaks	No
Oil Color / Appearance	3 - Normal Wear & Tear
Oil Color / Appearance Notes	Appropriate oil level, Clean oil appearance, no signs of cross contamination
Fuel Leaks	No
Requires DEF (Diesel Exhaust Fluid)	No
Overall Engine Appearance	Clean & dry
Overall Engine Comments	Engine in good shape and no active leaks observed. Top of valve cover has some residual oil/dirt buildup and should be further inspected for possible engine oil seepage or leak.

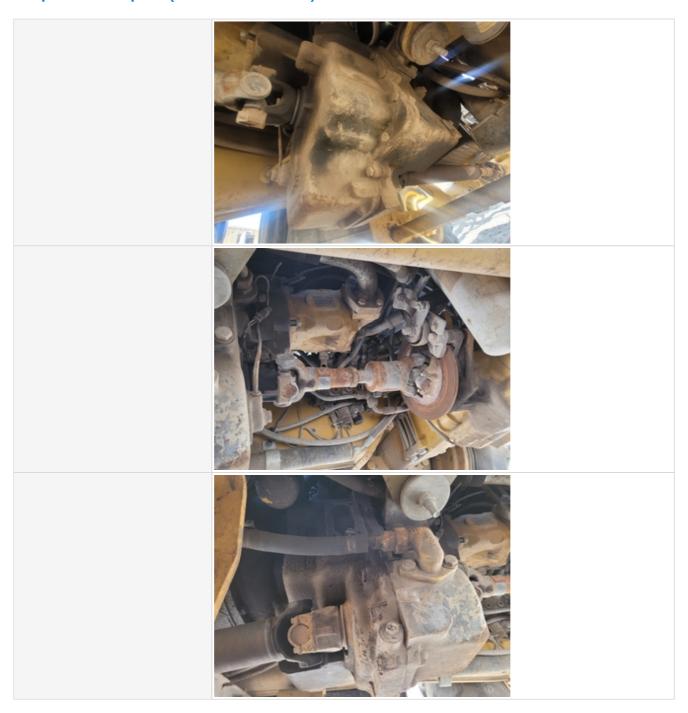
Drivetrain Inspection Points

Dilvetialii ilispectioni	Diversion inspection Folias	
Drivetrain		
Drivetrain	Take close-up photos of the drivetrain components including transmission housing, drive shaft, drive motors, fittings, and hoses. Note any damage or wear.	
Drivetrain Photos		



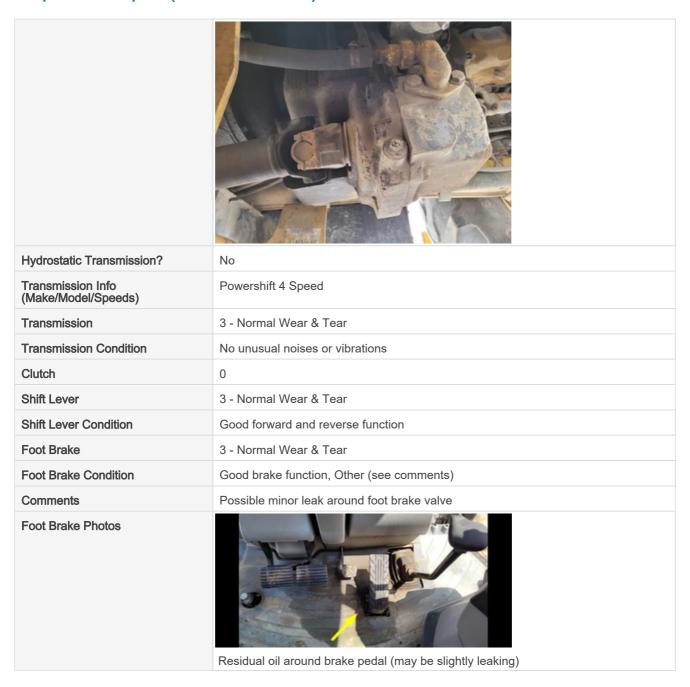






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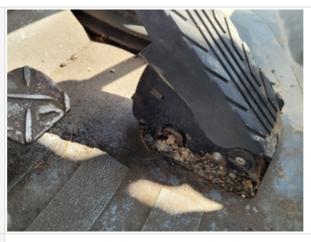




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Inspection Report (Backhoe Loader)



Inching Brake

Parking Brake 3 - Normal Wear & Tear

Parking Brake Condition Good brake function

Parking Brake Photos





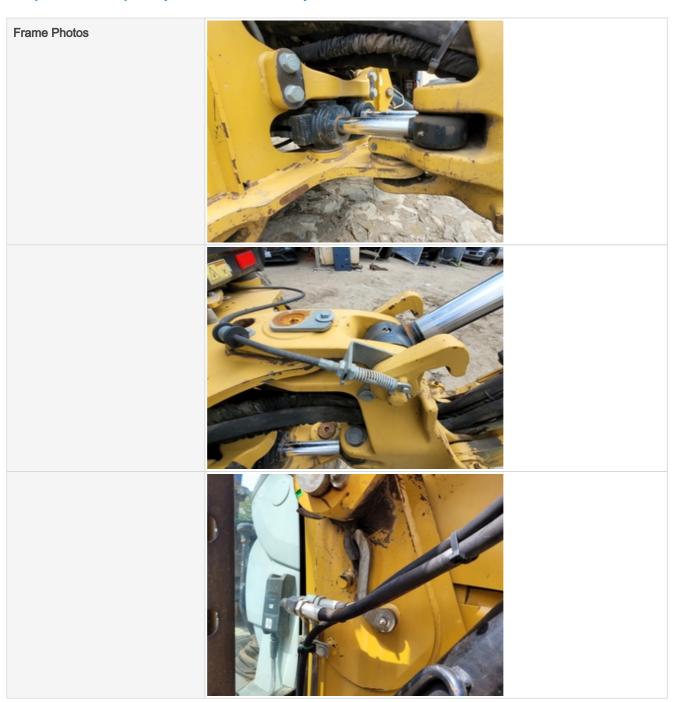
Overall Drivetrain Comments

Drivetrain in solid shape with no obvious major issues observed.

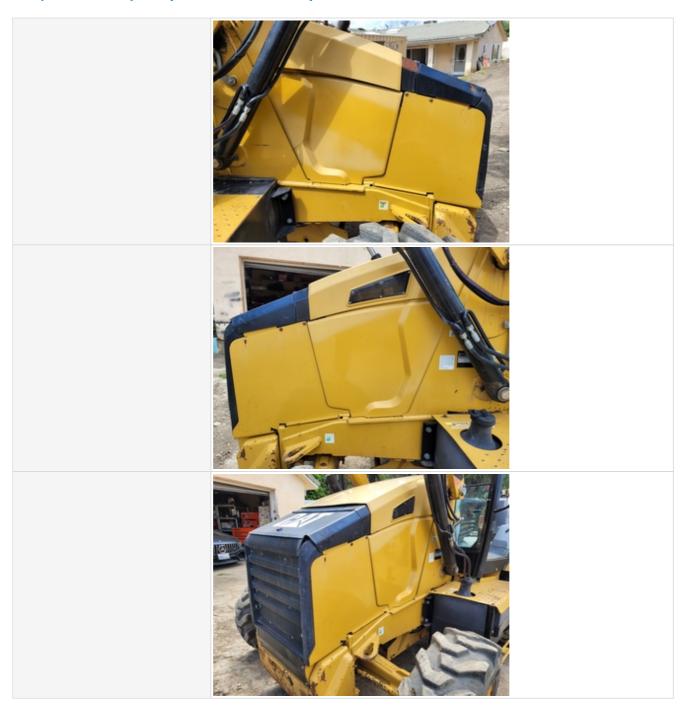
Chassis Inspection Points

Frame 3 - Normal Wear & Tear

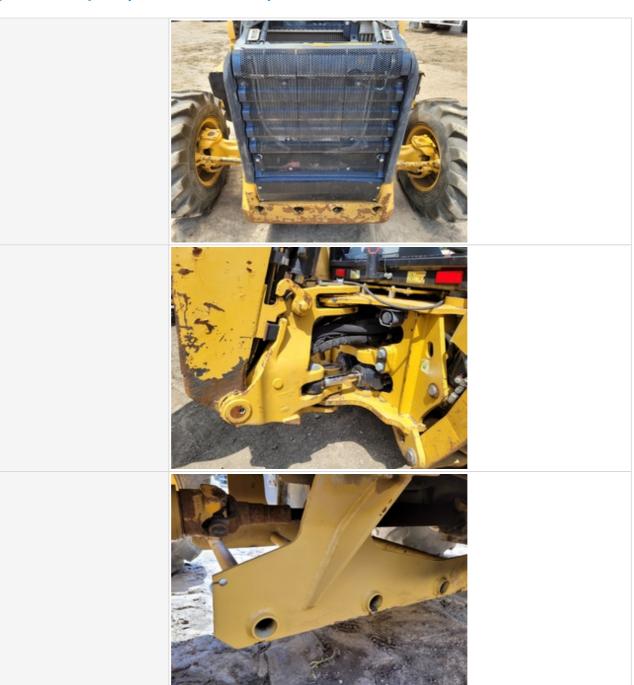




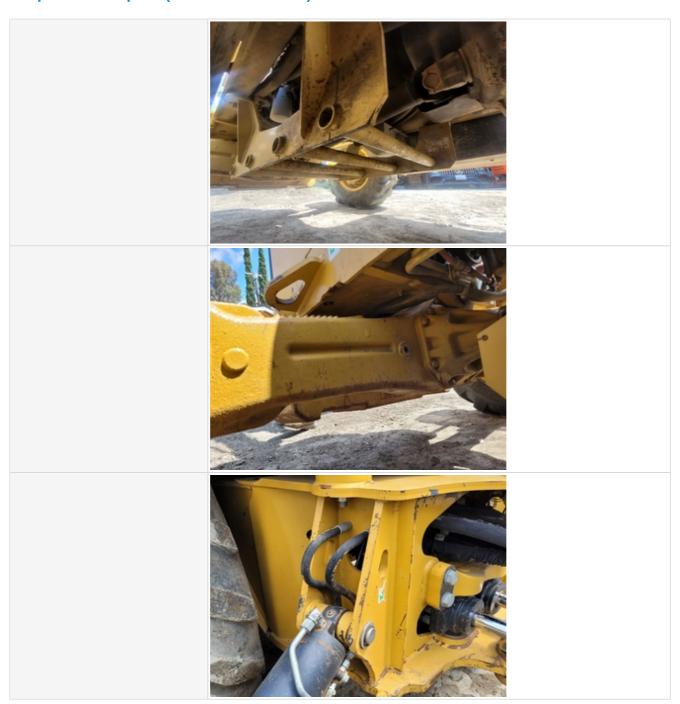






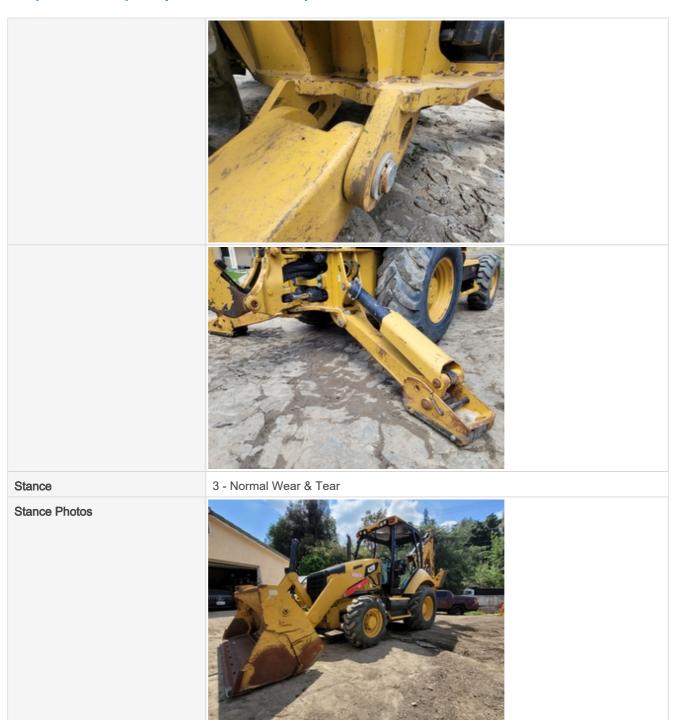






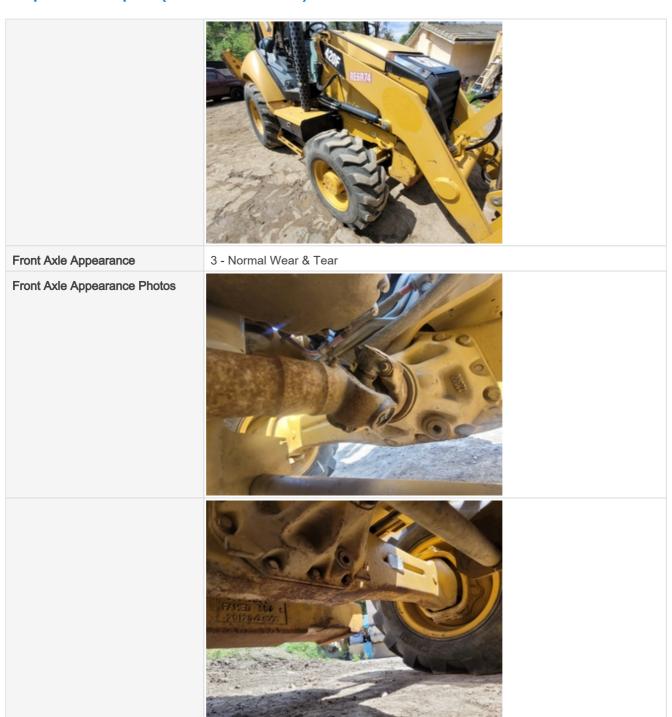
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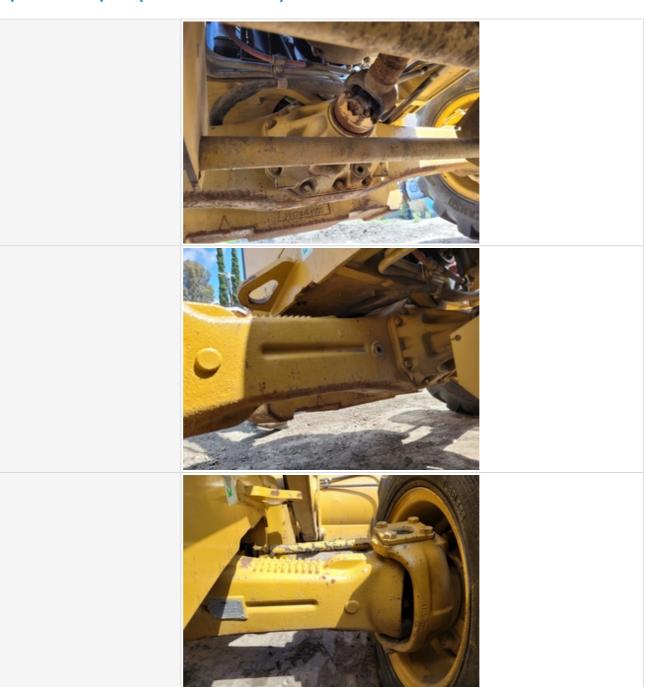


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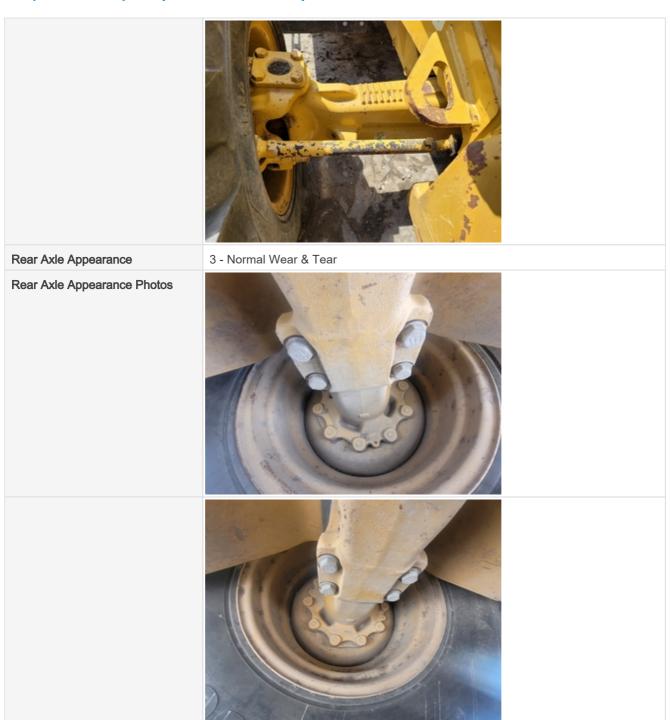




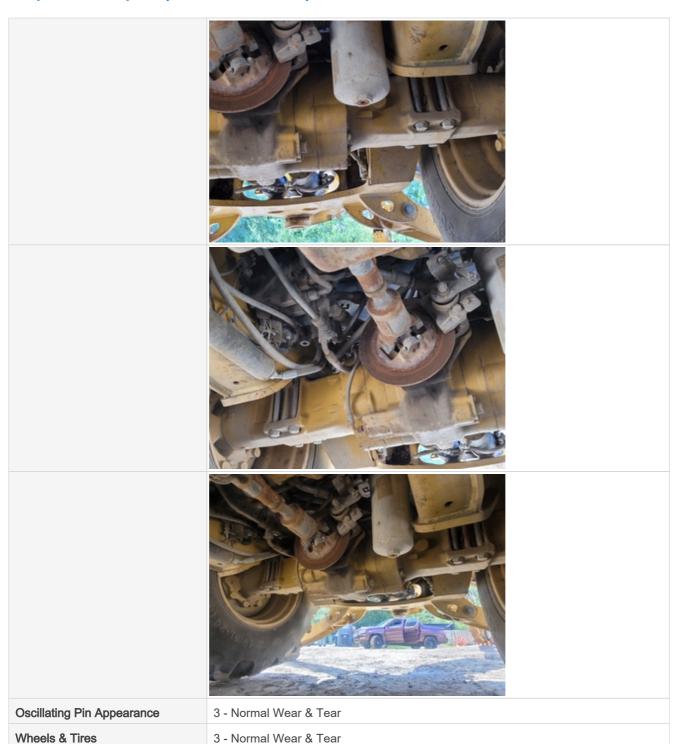












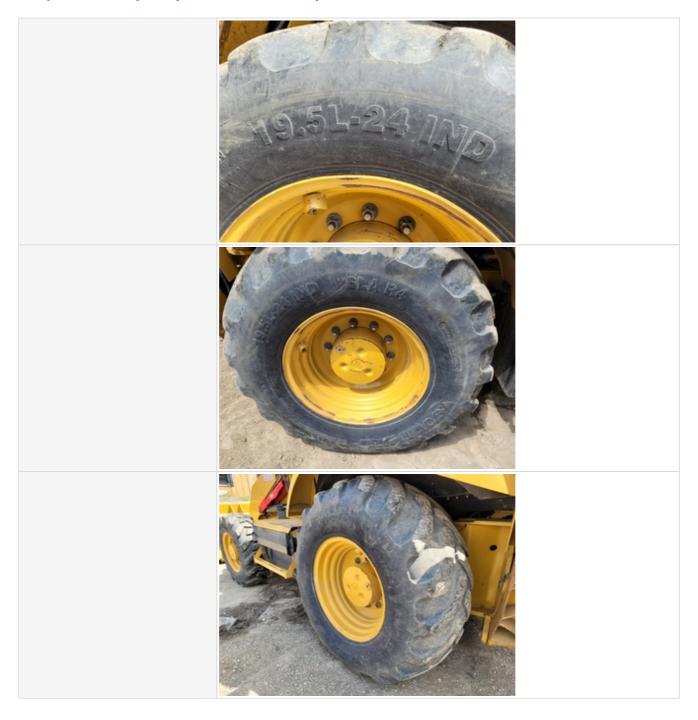


Wheels & Tires Photos

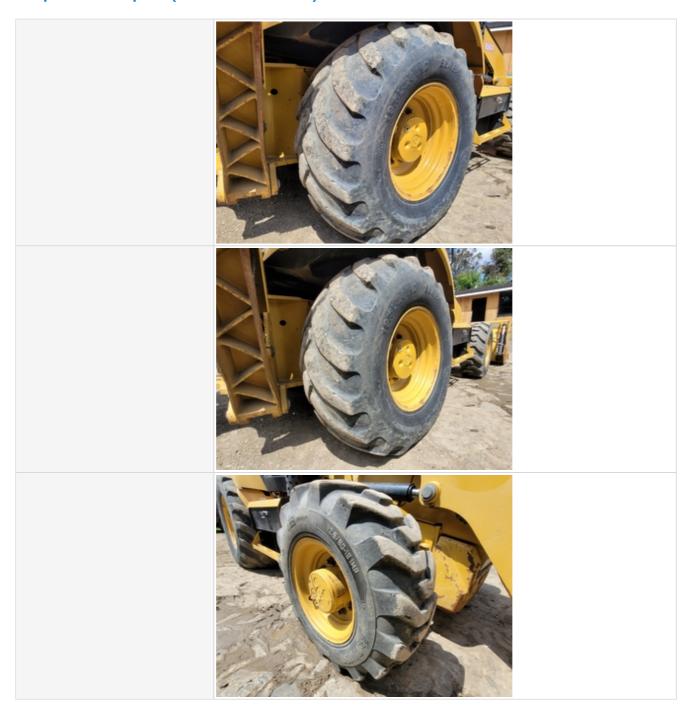




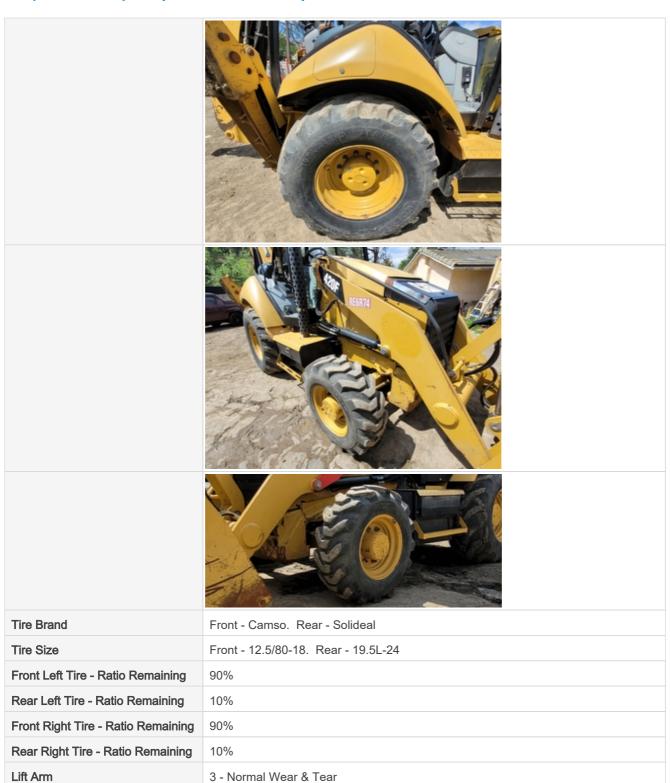










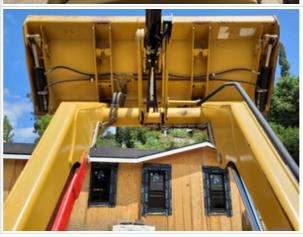




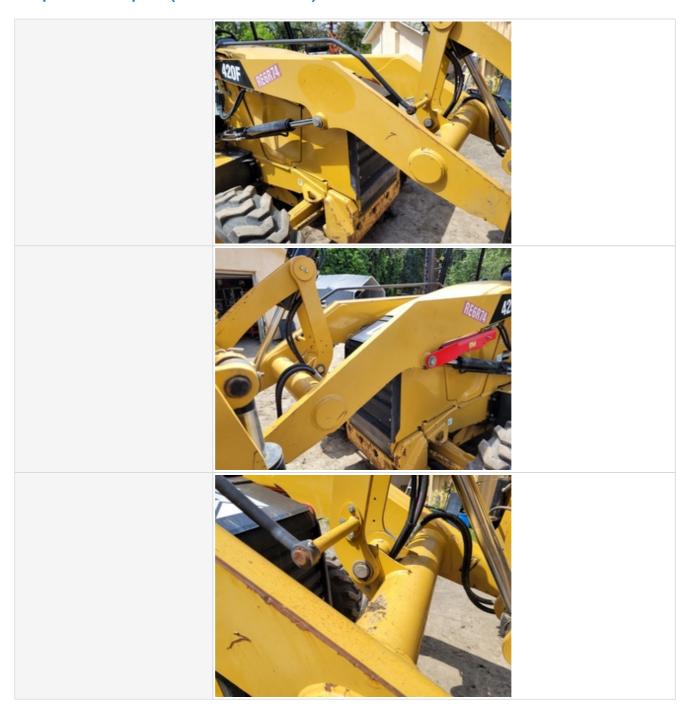
Lift Arm Photos



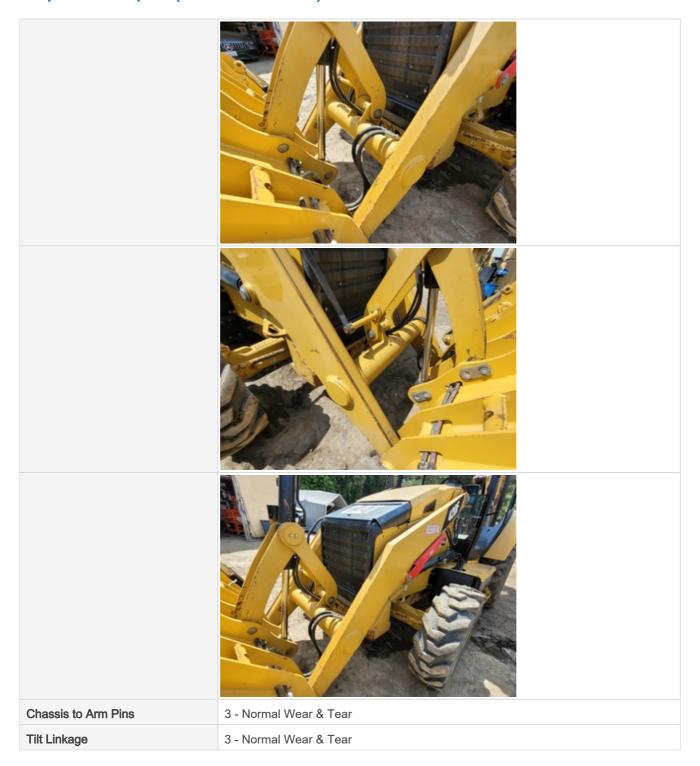




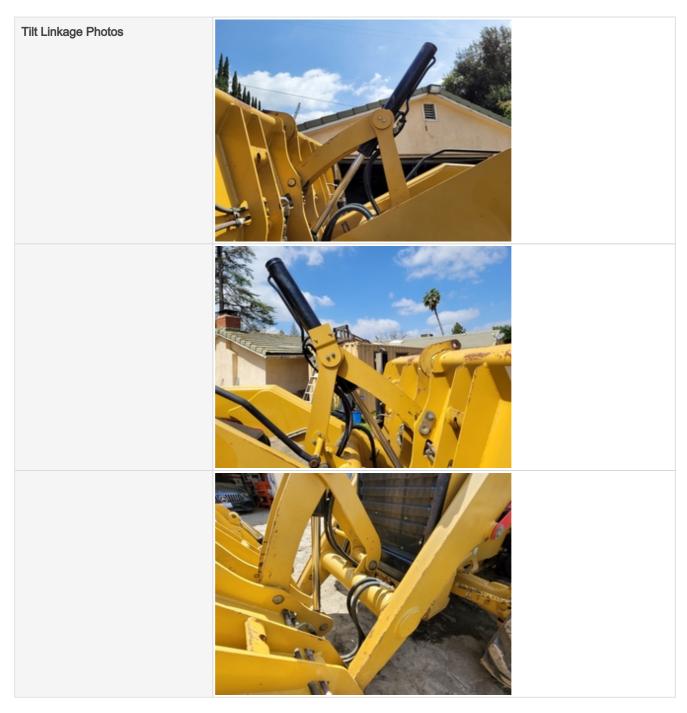












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Boom Condition Photos

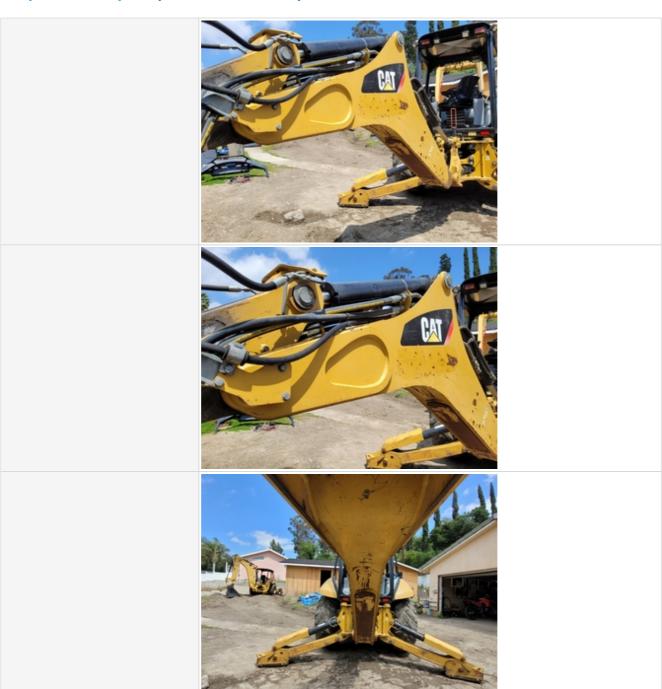




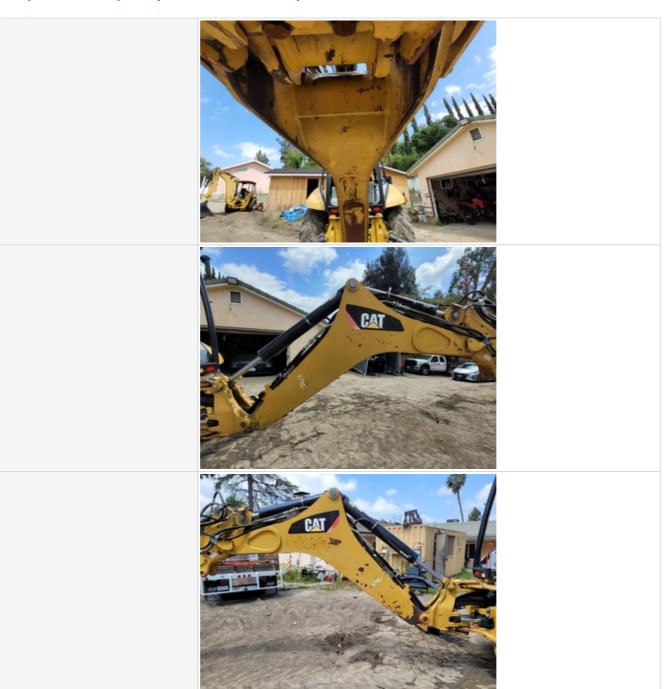
Tilt Linkage Pins & Bushings	3 - Normal Wear & Tear
Bucket to Arm Pins	3 - Normal Wear & Tear
Boom Condition	3 - Normal Wear & Tear



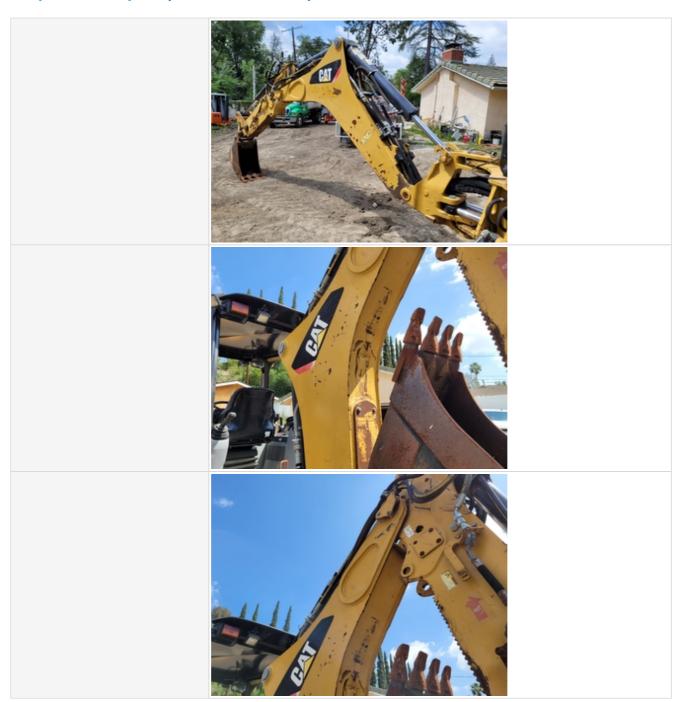




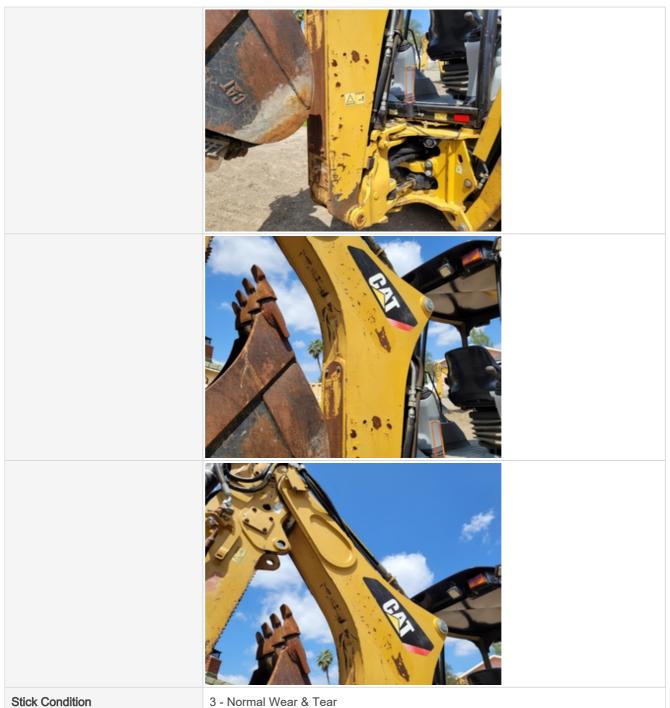






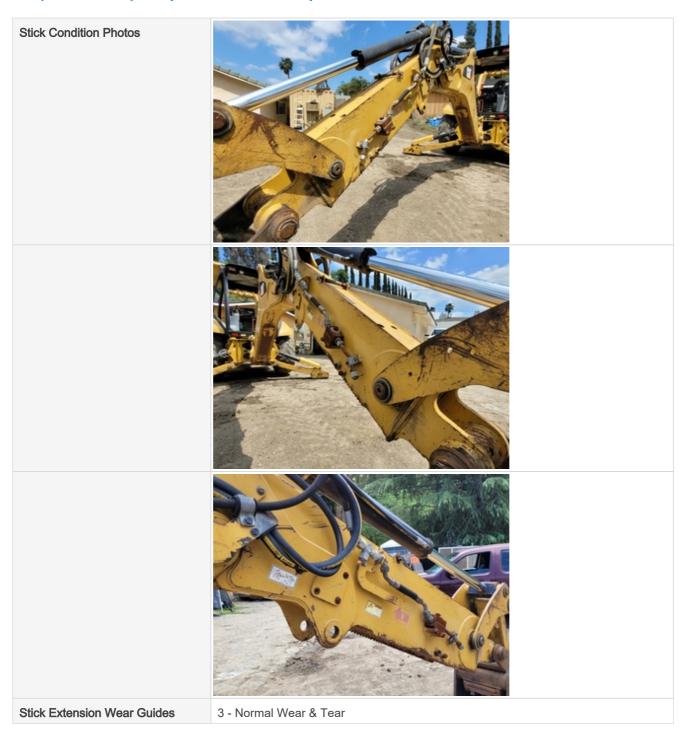






uck condition 5 - Normal Wear &

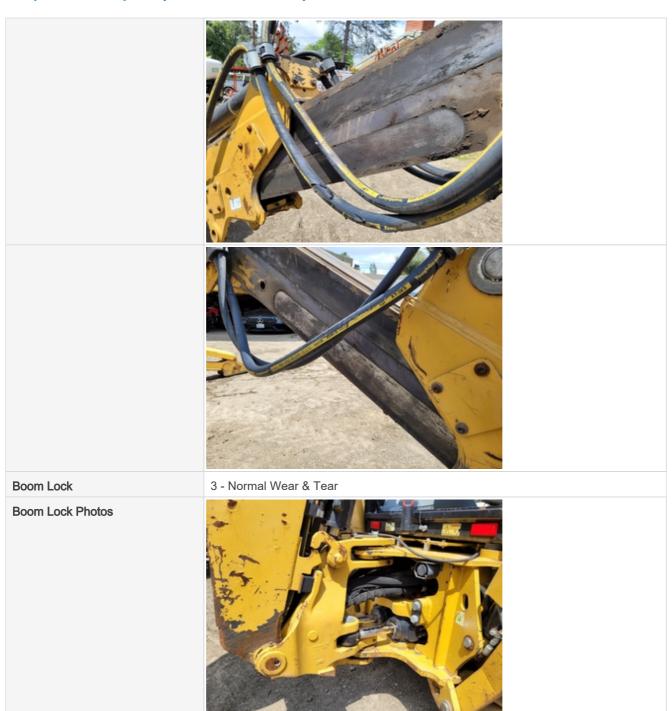






Stick Extension Wear Guides Photos





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Boom lock working well

Swing Tower Pivot

3 - Normal Wear & Tear

Swing Tower Pivot Photos

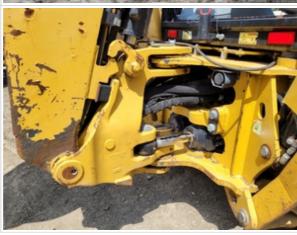








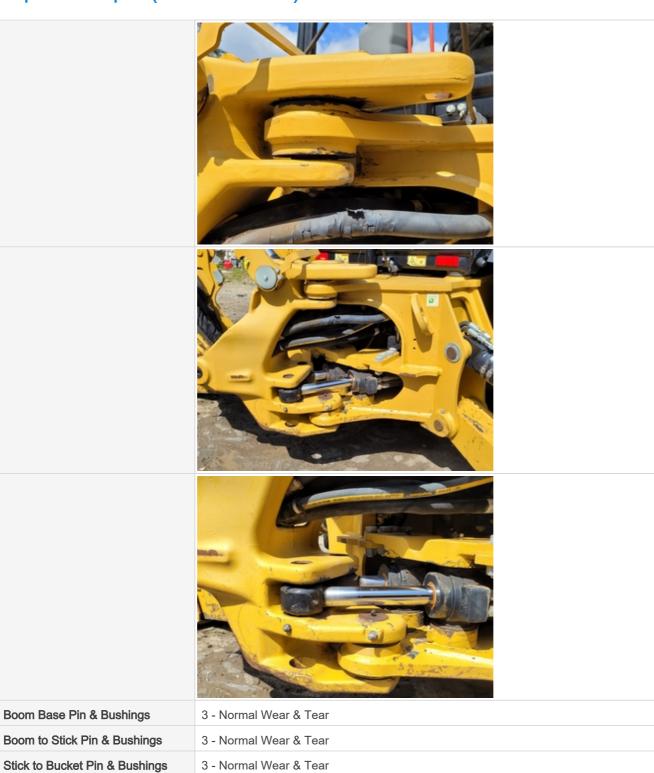






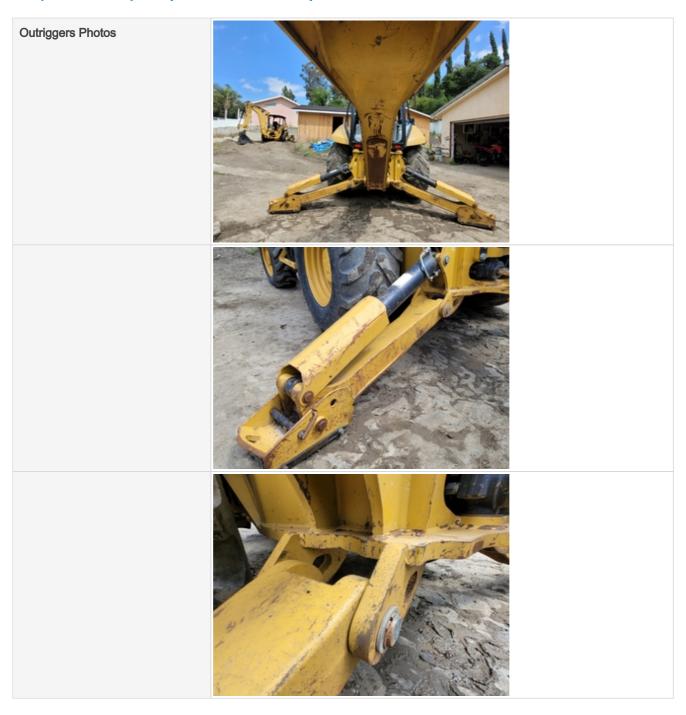
Outriggers

Inspection Report (Backhoe Loader)

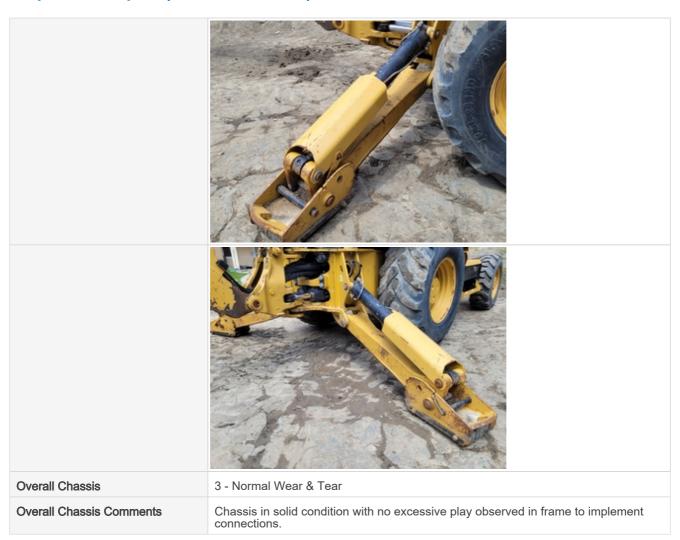


3 - Normal Wear & Tear





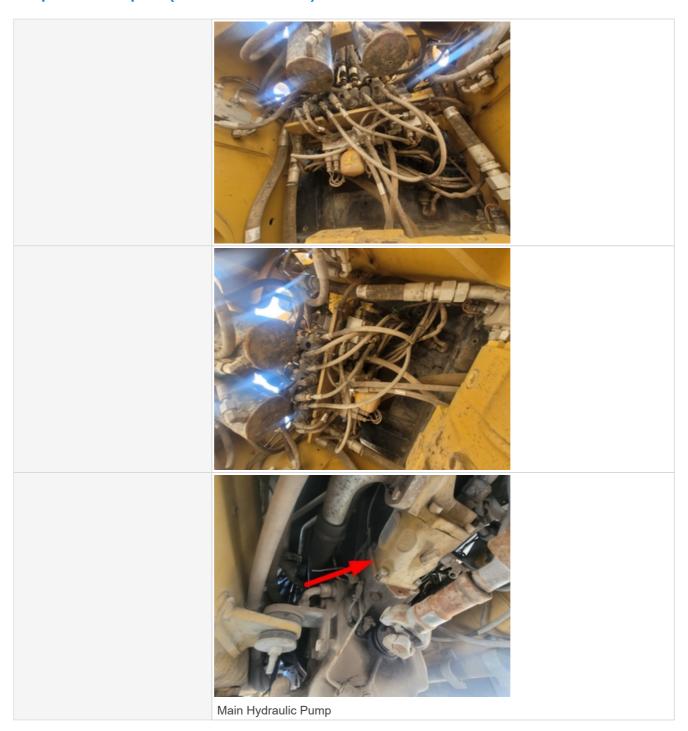




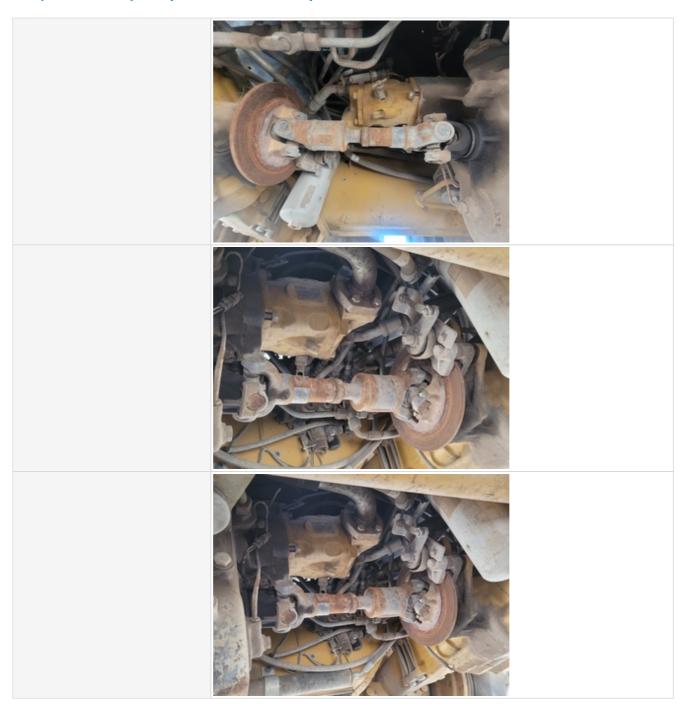
Hydraulics Overall Inspection Points

Hydraulics Overall Inspection Points	
Hydraulics Overall	
Hydraulic System	Take close-up photos of the hydraulic components including the pump, lines, fittings, controls, and levers. Note any damage, wear, or leaks.
Hydraulic System Photos	

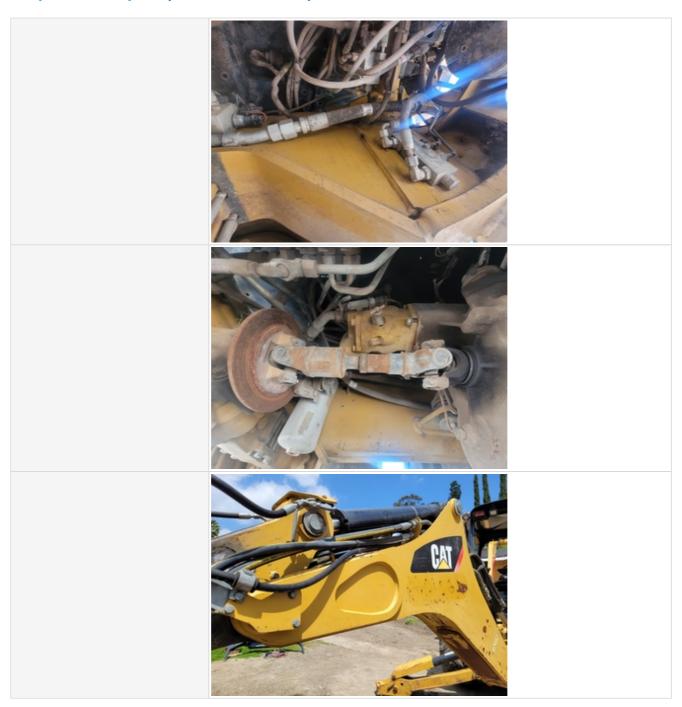
















Hydraulic hose damaged (Not leaking)







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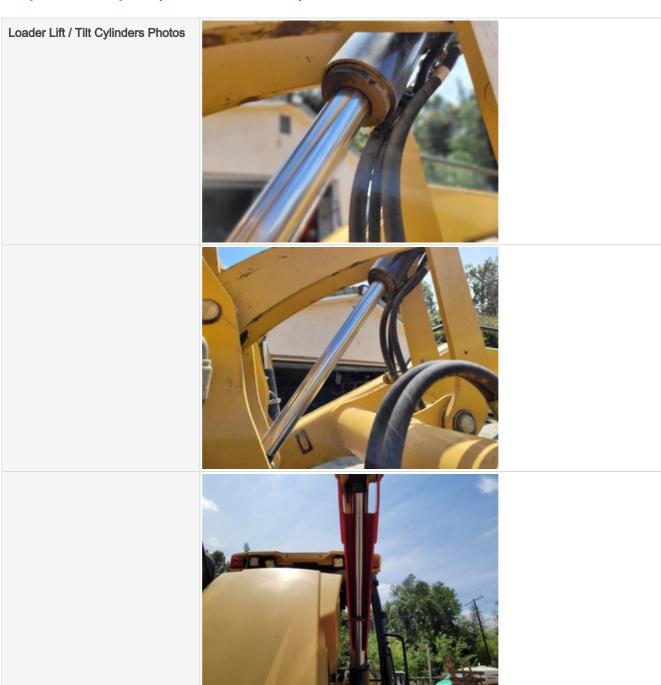


Wet or Damp Hydraulic Lines / Fittings	No
Appearance of Hydraulic Lines / Fittings	3 - Normal Wear & Tear
Hydraulic Lines / Fittings Condition	Hydraulic lines & fittings are clean and in good condition, Other (see comments)
Comments	A few hydraulic hoses have surface damage
Unusual Noises (Hydraulic Pump)	No
Hydraulic Pump Notes	No unusual noises heard during operation

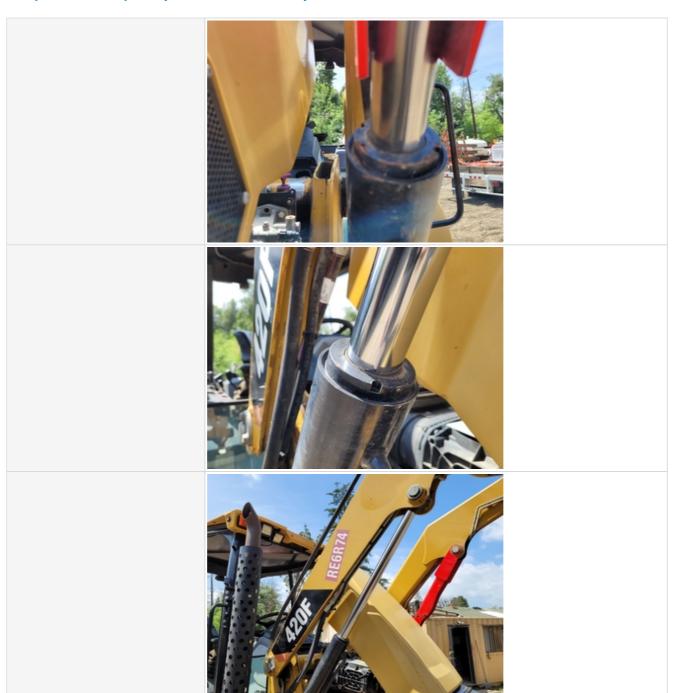
Hydraulics Cylinders Inspection Points

Loader Lift / Tilt Cylinders	Check the lift and tilt cylinders. Note any wear, pitting, discoloration, etc. Take photos.
Loader Lift / Tilt Cylinders: Mounting Pin	3
Loader Lift / Tilt Cylinders: Oil Leaks	No

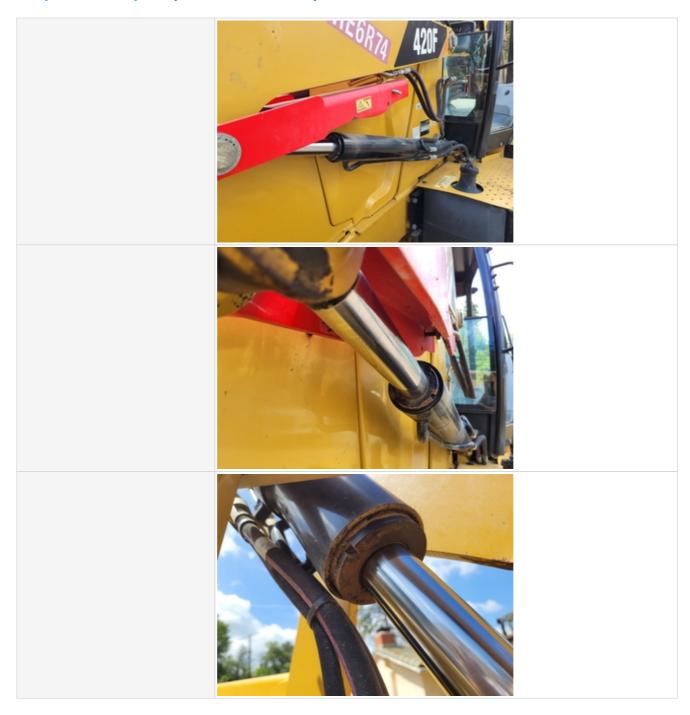




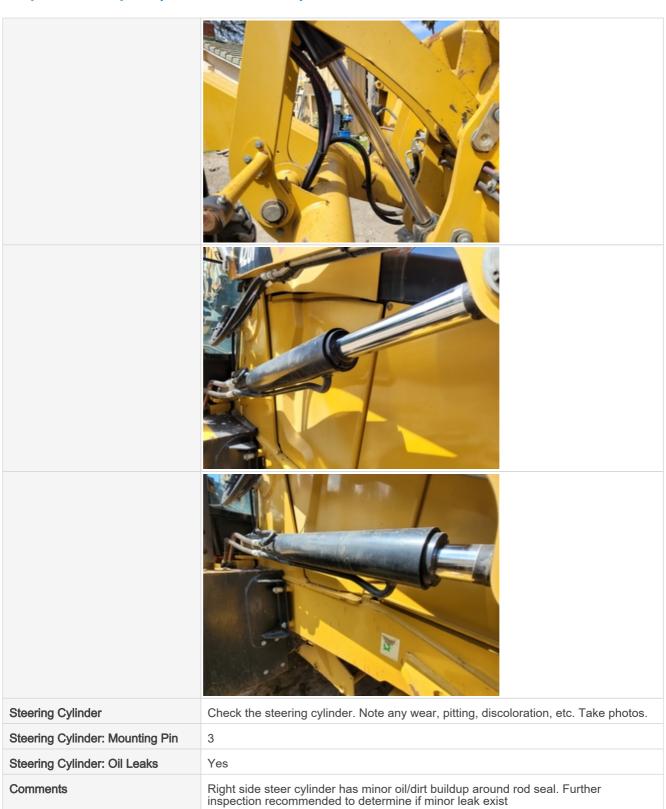








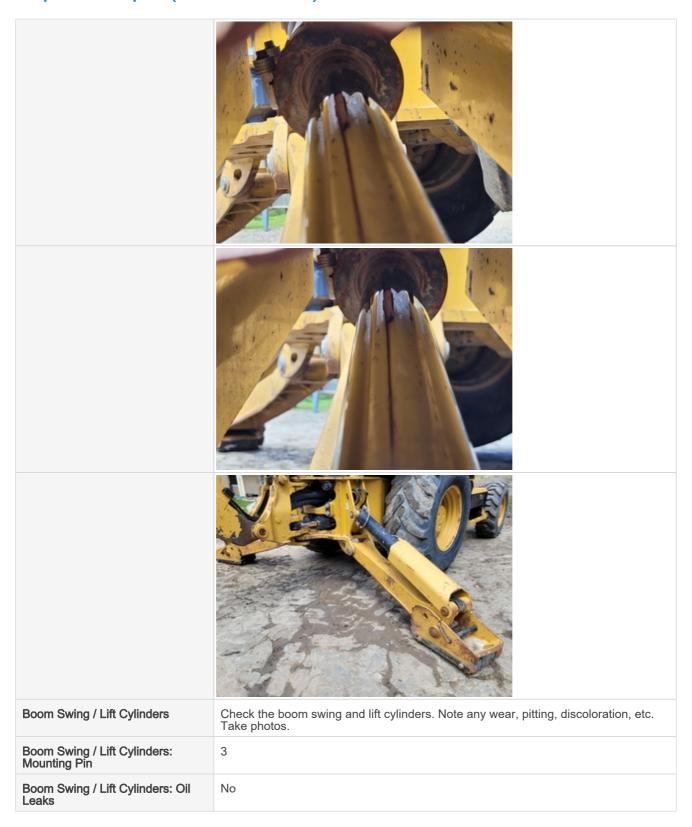




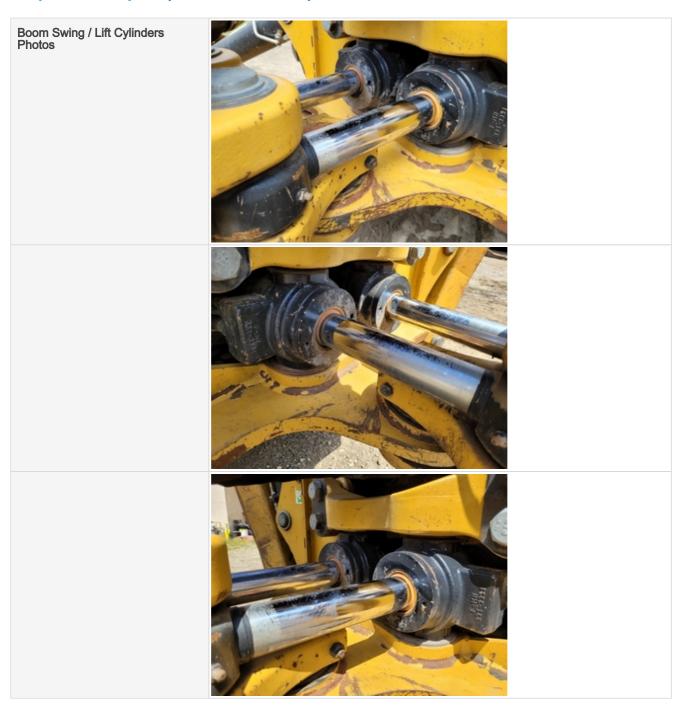


Steering Cylinder Photos	Minor oil seepage may be active
	20 600
Outrigger Cylinders	Check the outrigger cylinders. Note any wear, pitting, discoloration, etc. Take photos.
Outrigger Cylinders: Mounting Pin	3
Outrigger Cylinders: Oil Leaks	No
Outrigger Cylinders Photos	

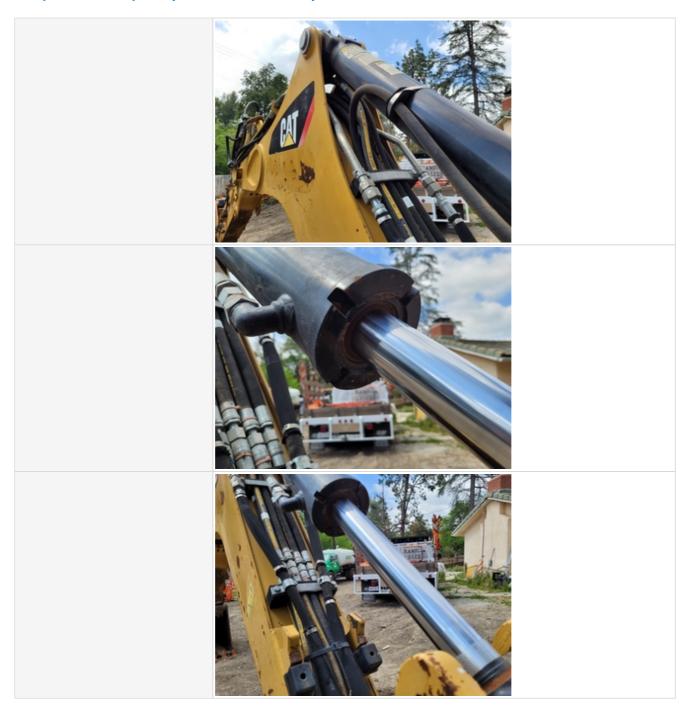














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Stick Cylinder Check the stick cylinder. Note any wear, pitting, discoloration, etc. Take photos.

Stick Cylinder: Mounting Pin 3

Stick Cylinder: Oil Leaks No

Stick Cylinder Photos







Inspection Report (Backhoe Loader)



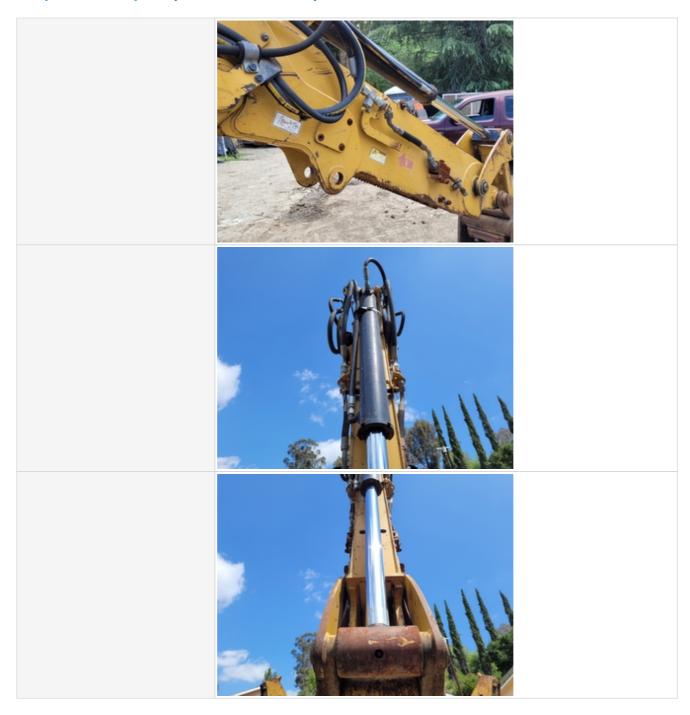
Bucket Cylinder	Check the bucket cylinder. Note any wear, pitting, discoloration, etc. Take photos.
Bucket Cylinder: Mounting Pin	3
Bucket Cylinder: Oil Leaks	No

Bucket Cylinder Photos











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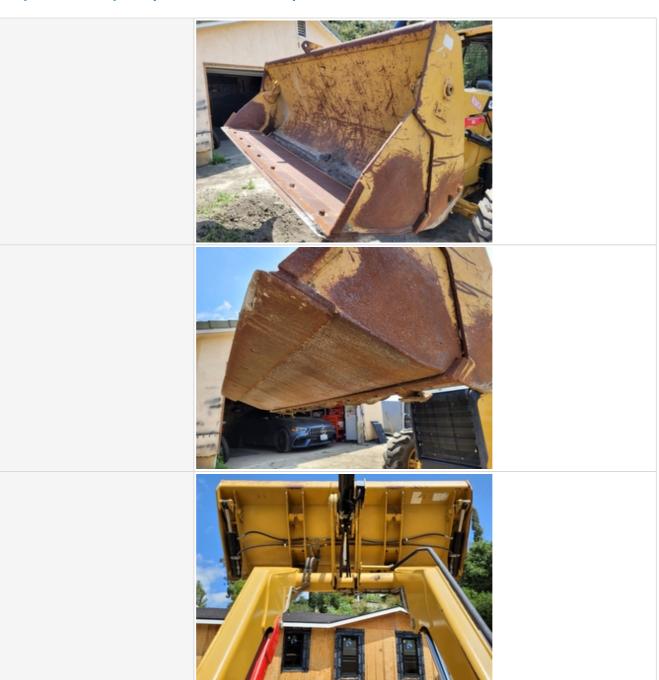




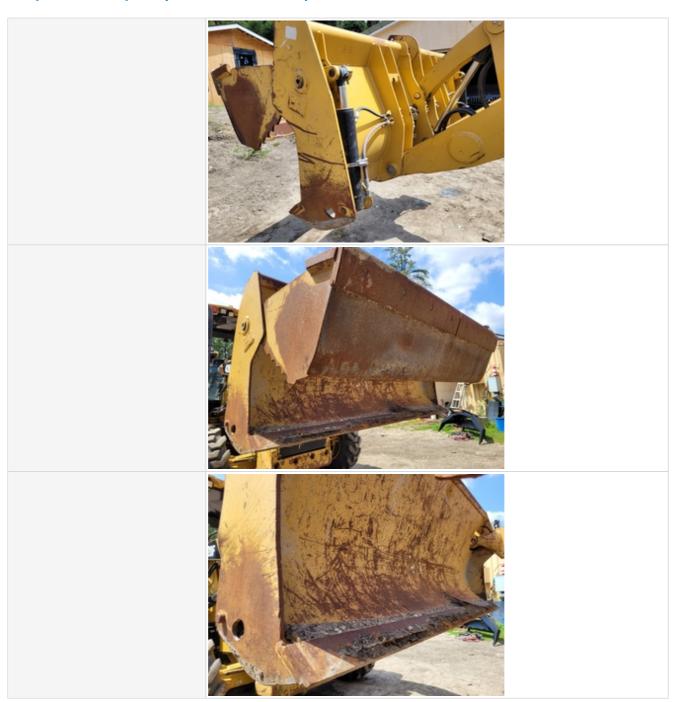
Bucket Inspection Points



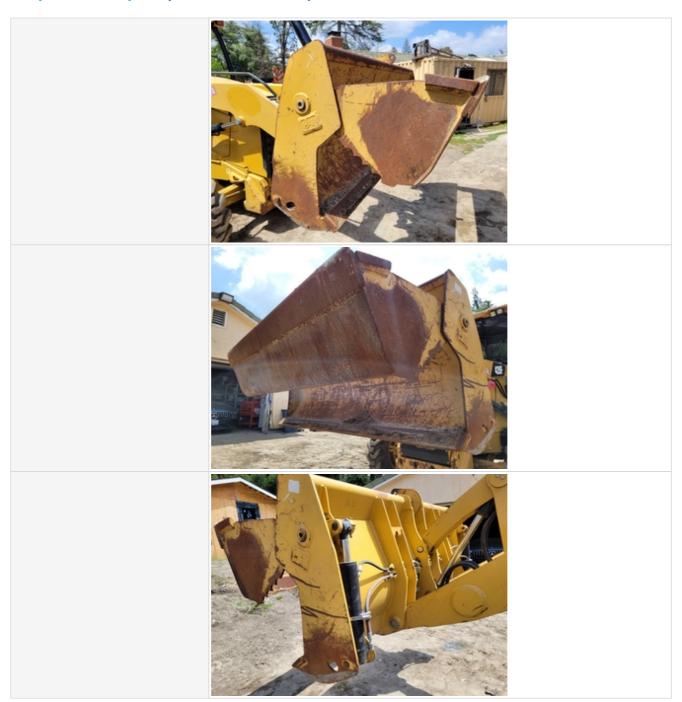




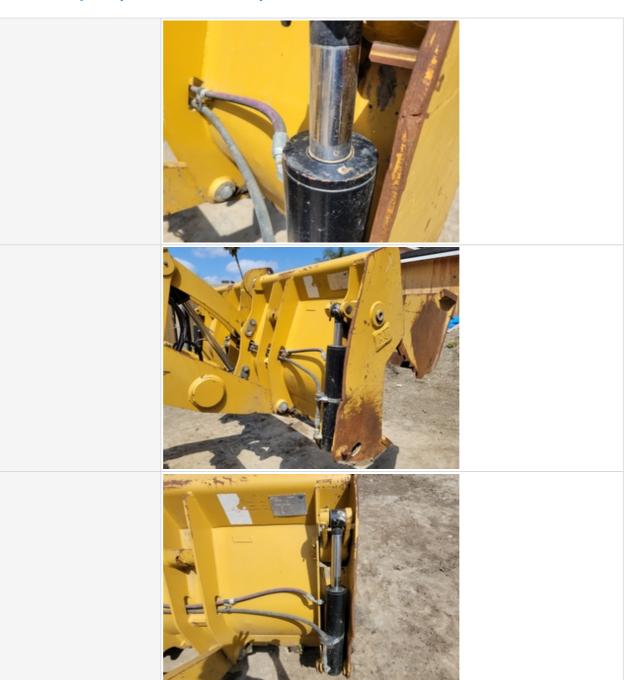




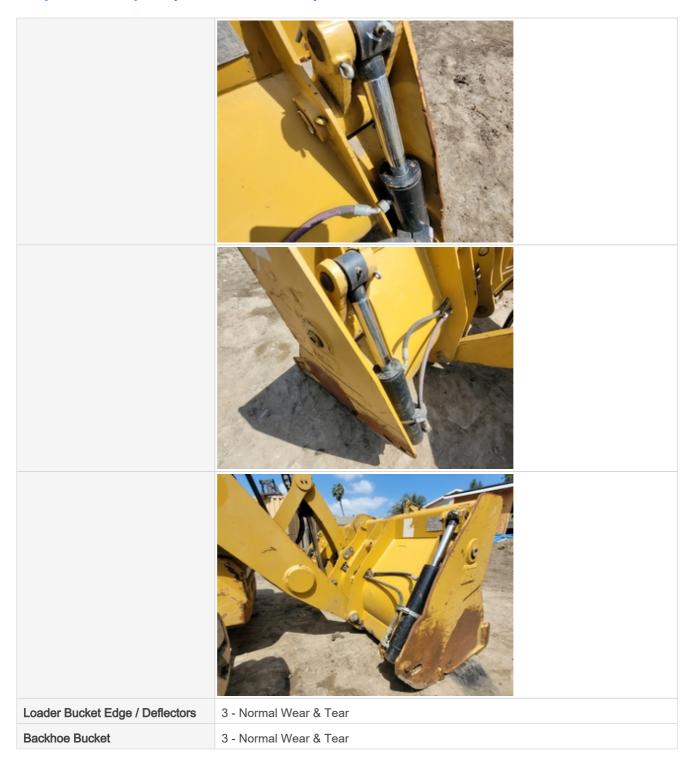




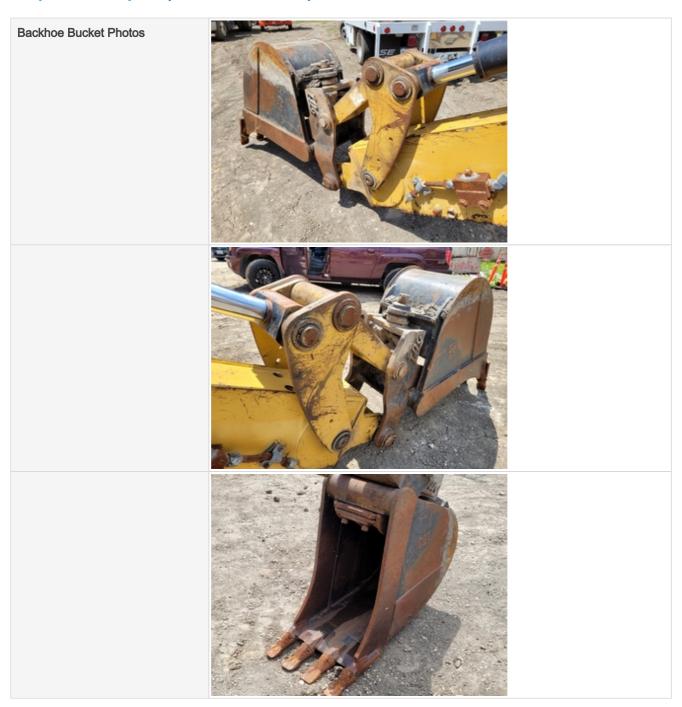




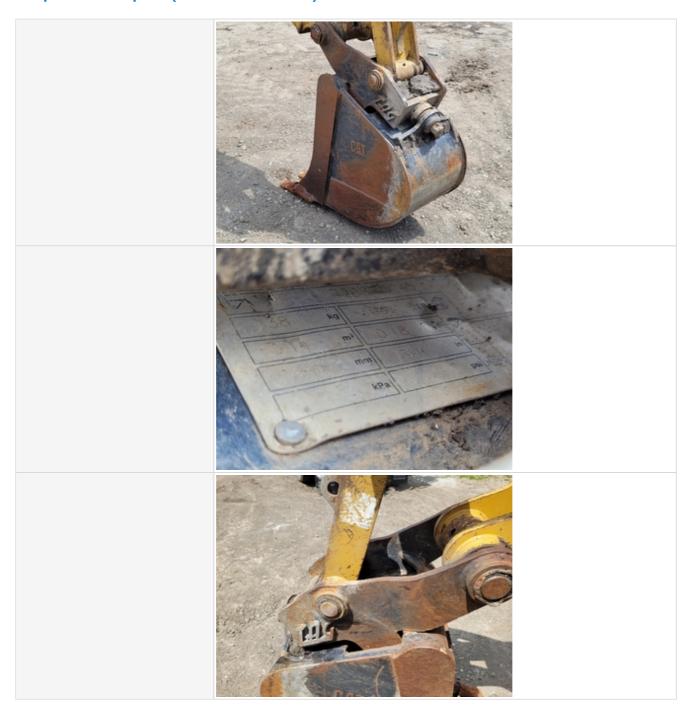














Inspection Report (Backhoe Loader)



Backhoe Bucket Edge / Deflectors

3 - Normal Wear & Tear

Functional Test

Forward & Reverse	3 - Normal, Operating as Expected
Steering	3 - Normal, Operating as Expected
Loader Bucket Functionality	3 - Normal, Operating as Expected
Backhoe Bucket Functionality	3 - Normal, Operating as Expected
Overall Functional Test Comments	All machine's main core functions operate normal with no issues observed.
Operating Video	Click to Download
Additional Video	Click to Download

Overall Assessment

Overall 7 33033 ment	
Overall Assessment	
Exterior Rating	3 - Normal Wear & Tear
Interior Rating	3 - Normal Wear & Tear
Safety Rating	3 - Normal Wear & Tear
Quality Rating	3 - Normal Wear & Tear
Functionality Rating	3 - Normal, Operating as Expected
Overall Rating	3 - Normal Wear & Tear
What's Great About the Machine	This backhoe is visually in solid shape front to back, inside and out. Backhoe is AWD equipped and has a 4 to 1 front Loader Bucket. Machine has a well maintained appearance and no active leaks seen during the inspection. Front tires have plenty of life left.
What Needs Work	A few possible seepage (not active leaks) may eventually become leaks @ brake pedal valve and steer cylinder. Minor cosmetic damage on hood. Seat is torn and should be replaced soon for operator comfort. Rear tires will need to be replaced soon.
Date/Time	04-18-2023