

Inspection Report (Mini Excavator)

General Info

Year	2013
Make	Bobcat
Model	324M
Serial Number	AKY522295
Hour Meter Reading	401.5
Previous Application (e.g., earth moving, mining, demolition, etc)	Demolition Work

Dimensions

Measurement Guide	A B
A. Length (ft and inches)	12'10"
B. Width (ft and inches)	3'3"
C. Height (ft and inches)	7'2"
Operational Weight (lbs)	3,428 LBS.

Features and Configuration

Control Station Type	Canopy
Bucket	Yes
Bucket Size (in inches)	8
Blade	Yes
Additional Attachment(s)	Yes
Hydraulic Coupler	No
Auxiliary Hydraulics	No
Hydraulic Thumb	No
Heat	No
A/C	No
Radio	No
Backup Camera	No
OMM (Operator & Maintenance Manual)	No
Telematics	No

Exterior Walkaround Photos



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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	
Front	3 - Normal Wear & Tear
Front Condition	Large dents or cracks, Other (see comments)
Comments	Front blade has surface plate damage, the rest has normal wear and tear scuff marks
Rear	3 - Normal Wear & Tear
Rear Condition	Other (see comments)
Comments	Normal wear and tear scuff marks on counterweight
Left	3 - Normal Wear & Tear
Left Condition	Other (see comments), No visible damage
Right	3 - Normal Wear & Tear
Right Condition	Other (see comments), No visible damage
Comments	Normal wear and tear scuff marks
Upper	3 - Normal Wear & Tear
Upper Condition	No visible damage
Body Panels (Any Rust Damage?)	3 - Normal Wear & Tear



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Body Panel Condition	No visible damage, good paint condition and panel fitment
Doors / Canopy Latches	3 - Normal Wear & Tear
Doors / Canopy Latches Condition	No visible damage, Other (see comments)
Comments	Rear engine door latch may need adjustment (door latch tough to unlock)
Steps / Ladders	0
Handrails	0
Glass Condition	3 - Normal Wear & Tear
Glass Condition Notes	Glass intact, no visible damage, Other (see comments)
Comments	Top R.O.P.S. Window normal wear
Mirrors	0
Lighting System	2 - Above Average Wear
Lighting System Condition	Other (see comments), One or more exterior lights are non-operational
Comments	Normal light exterior wear (lens dull)
Lighting System Photos	

Control Station Inspection Points

Control Station



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Serial Number Plate Photo



Operator Cabin Overall

3 - Normal Wear & Tear

Operator Cabin Overall Condition

Good cabin appearance, solid floors, panels, and ceiling, Minor cosmetic wear to cabin surfaces, floors, panels, and ceiling $\frac{1}{2} \left(\frac{1}{2} \right) = \frac{1}{2} \left(\frac{1}{2} \right) \left(\frac{1}{2}$

Operator Cabin Photos





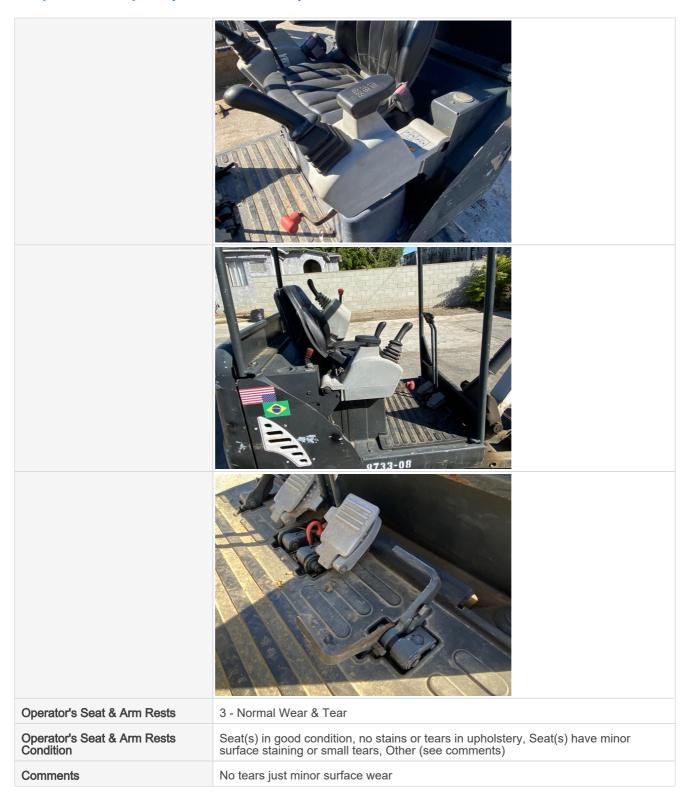














Operator's Seat & Arm Rests Photos	
Seat Belt	3 - Normal Wear & Tear
Cabin Lights	0
Safety Lock Out / Stop	3 - Normal Wear & Tear
Safety Lock Out / Stop Condition	Safety lock out device is present, in good condition, and functional
Controls & Switches	3 - Normal Wear & Tear
Controls & Switches Condition	Switches have good functionality, minor cosmetic damage observed
Comments	Switch decals worn (unreadable)
Controls & Switches Photos	
Hour Meter Activity	3 - Normal Wear & Tear
Hour Meter Condition	Hour meter is functional and in good condition



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Hour Meter Activity Photos



Other Gauge Activity	2 - Above Average Wear
Other Gauge Condition	One or more gauges are unreadable or not functioning (specify in comments), Other (see comments)
Comments	Gauges work, worn and unreadable



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Other Gauge Activity Photos





Heater & A/C	0
Fans / Vents	0
Travel Alarm	2 - Above Average Wear
Travel Alarm Condition	System is configured but not operating correctly
Comments	Travel alarm inop. (May be disconnected)
Horn	3 - Normal Wear & Tear
Horn Condition	Horn is installed and functioning as expected
Backup Camera	0
Fire Extinguisher	0



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Engine Inspection Points

Engine	
Engine Type (Make, Model, Cylinders, Hp)	Kubota - D722-ET17 - 14HP - 3CYL.
Emissions Tier	Tier 4F
Engine Serial Number	N/A
Engine Fuel Type	Diesel

Engine Photos













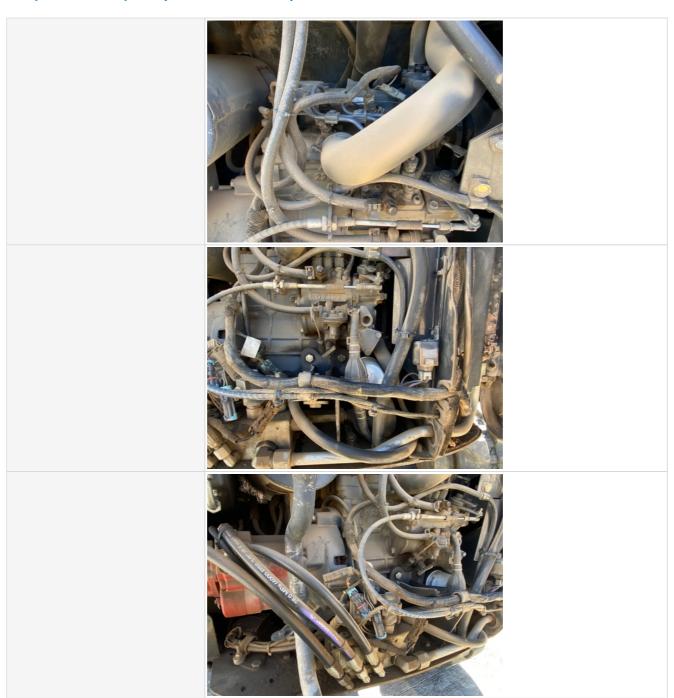


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Blow-by (Visual Observation Check)	No
Unusual Noises (Upon Start-up, Idle, Shutdown)	No
Unusual Noise Notes	No unusual noises heard
Engine Smoke (Upon Start-up, Idle, Shutdown)	No
Engine Smoke Notes	No engine smoke issues observed
Engine Exhaust Color	Clear



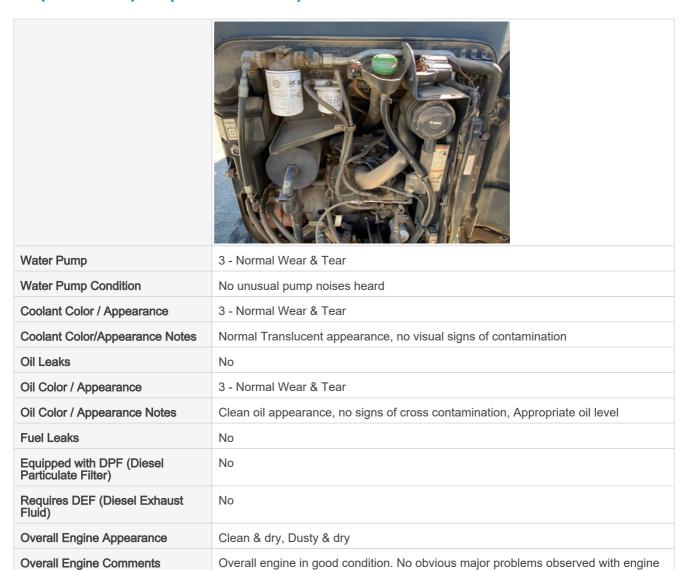
Battery	2 - Above Average Wear
Battery Condition	Inaccessible, unable to determine condition
Radiator	3 - Normal Wear & Tear
Radiator Condition	Radiator fins & components appear to be in good working order, no signs of damage or leaks
Radiator Photos	
Belts	3 - Normal Wear & Tear
Hoses	3 - Normal Wear & Tear
Hose Condition	Firm, pliant hoses with no signs of wear or leaks
Hose Photos	







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Drivetrain Inspection Points

Drivetrain	
Hydrostatic Transmission?	Yes
2 Speed?	Yes
Hydrostatic Drive Configuration	Split Transmission
Drive Motors	2 - Above Average Wear
Comments	Drive motors working well

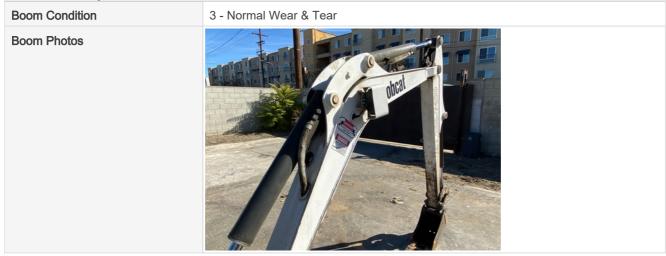
components.



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Drive Motor Photos	
Hydrostatic Parking Brake	3 - Normal Wear & Tear
Hydrostatic Parking Brake Condition	Good brake function
Overall Drivetrain Comments	Overall drivetrain in good condition.

Chassis Inspection Points





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Stick Condition

Stick Photos

3 - Normal Wear & Tear











Boom Base Pin & Bushings

3 - Normal Wear & Tear



Boom Base Pin & Bushings Photos

Boom to Stick Pin & Bushings 3 - Normal Wear & Tear



Boom to Stick Pin & Bushings Photos



Stick to Bucket Pin & Bushings

Stick to Bucket Pin & Bushings Photos

3 - Normal Wear & Tear





Turntable Bearing

Turntable Bearing Photos

3 - Normal Wear & Tear





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Bottom Covers

3 - Normal Wear & Tear

Bottom Covers Photos





Overall Chassis

3 - Normal Wear & Tear

Overall Chassis Comments

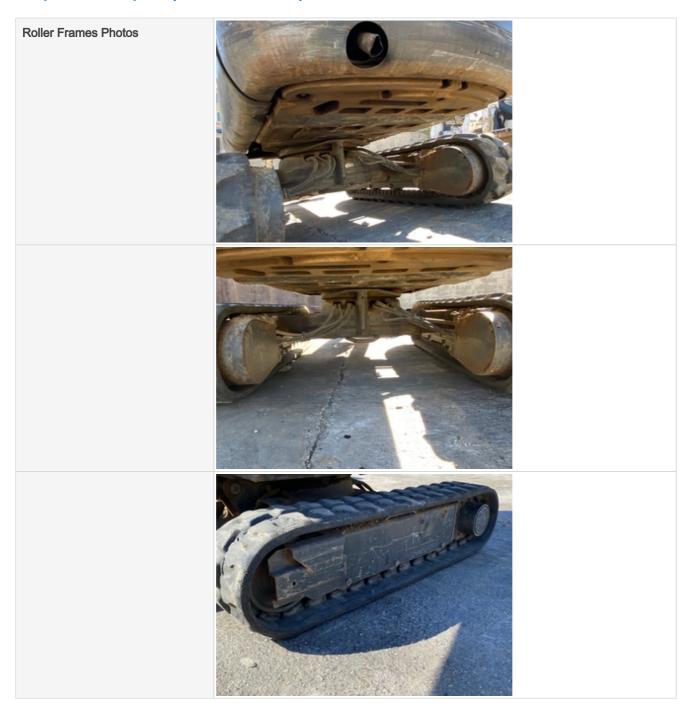
Overall chassis in good condition with no obvious problems found.

Undercarriage Inspection Points

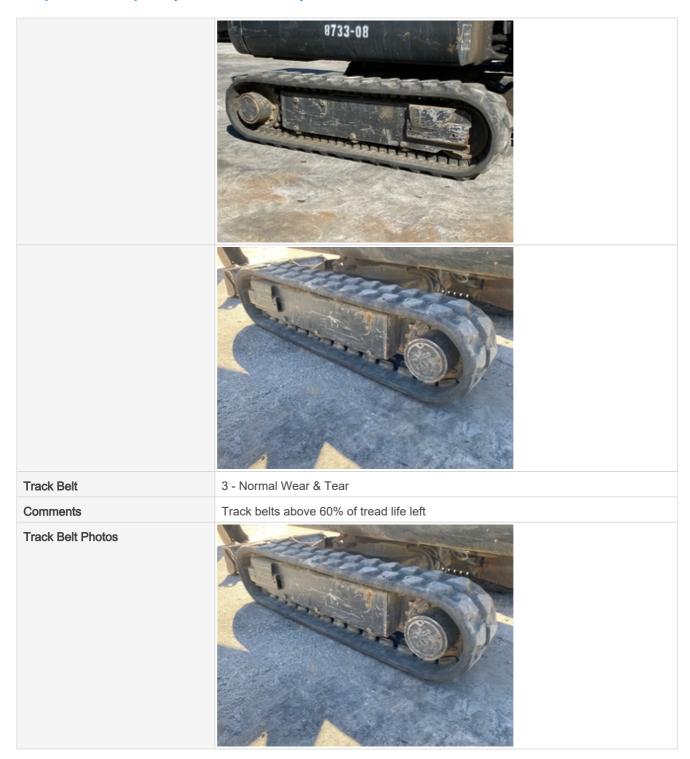
Rubber Track Undercarriage

Roller Frames 3 - Normal Wear & Tear

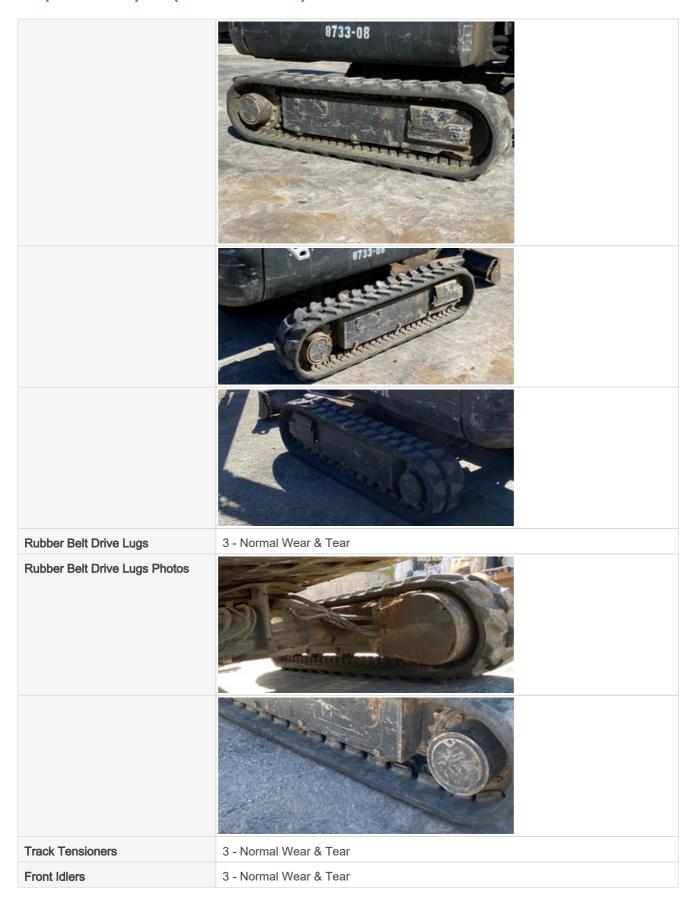






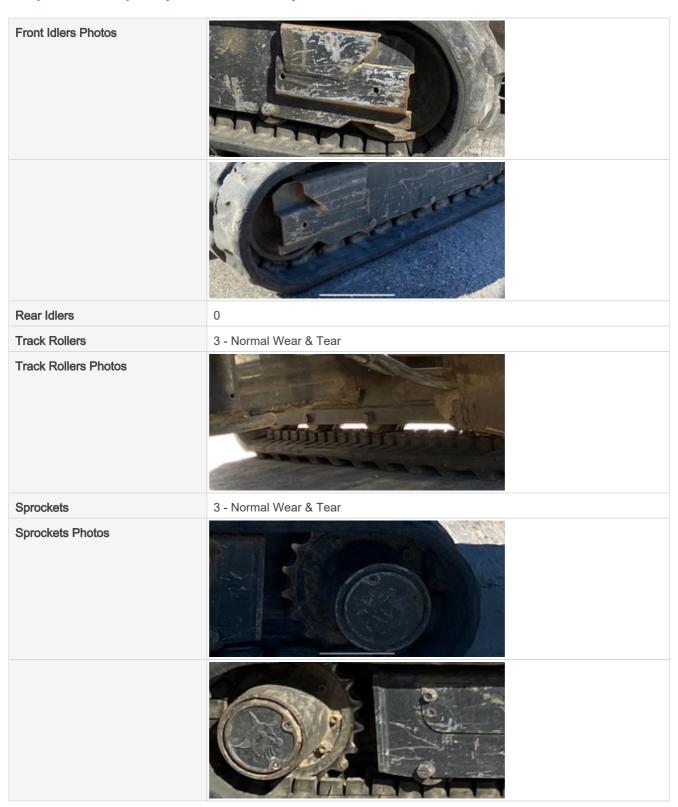








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Hydraulics Overall Inspection Points

Hydraulics Overall	
Wet or Damp Hydraulic Lines / Fittings	Yes



Appearance of Hydraulic Lines / Fittings	3
Hydraulic Lines / Fittings Condition	Hydraulic lines & fittings are clean and in good condition, Active leaks in hoses or fittings observed, Other (see comments)
Appearance of Hydraulic Lines / Fittings Photos	



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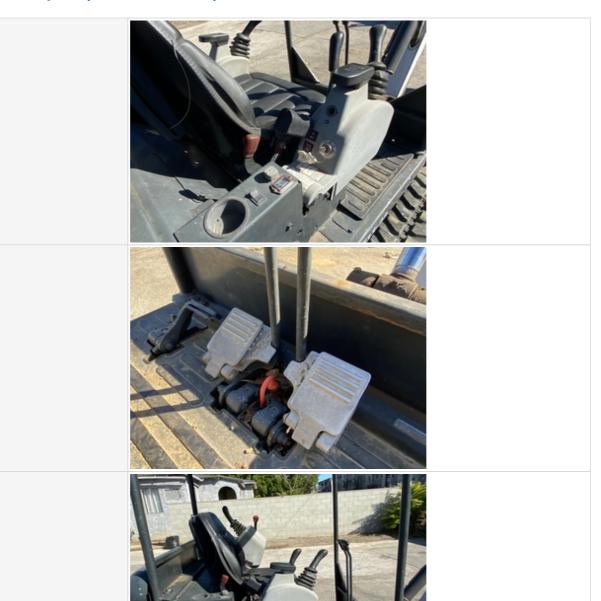
No
No unusual noises heard during operation
3
Good function & condition of hydraulic controls

External Controls / Levers Photos





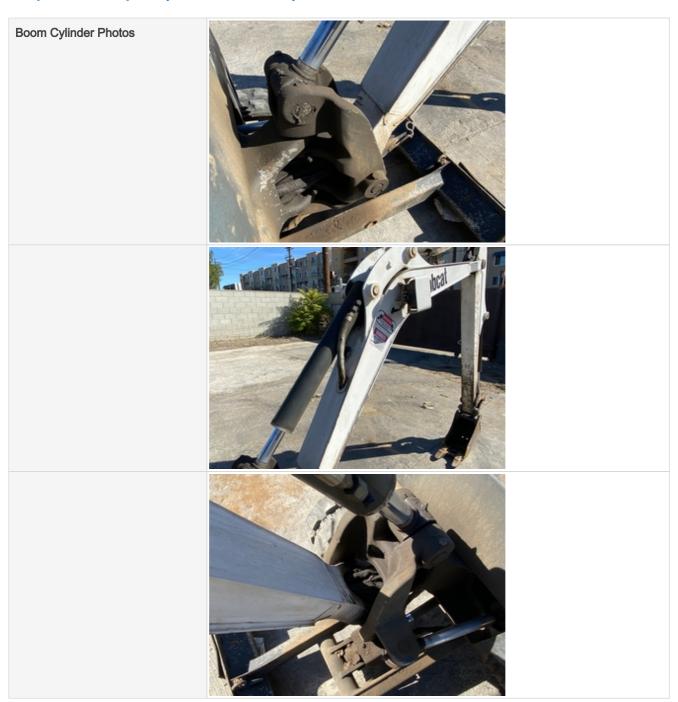
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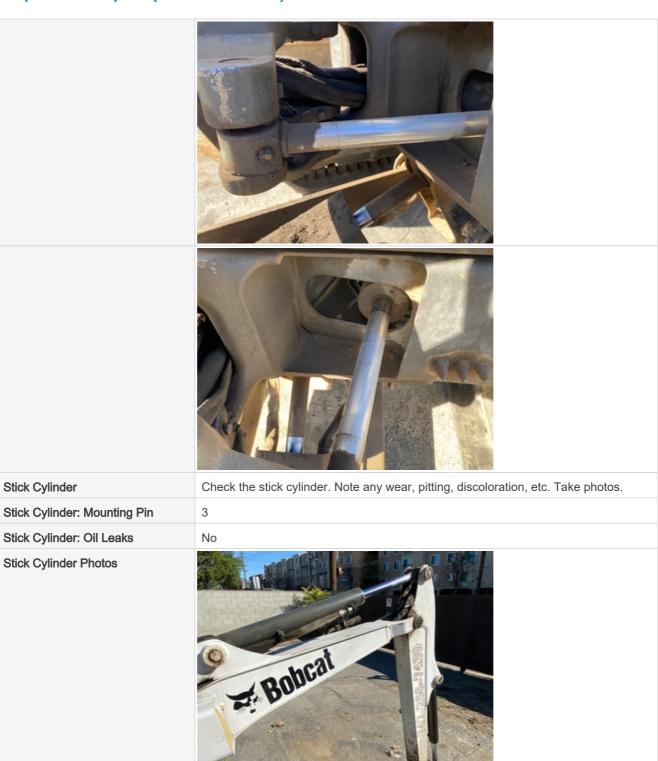
Hydraulics Cylinders Inspection Points

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











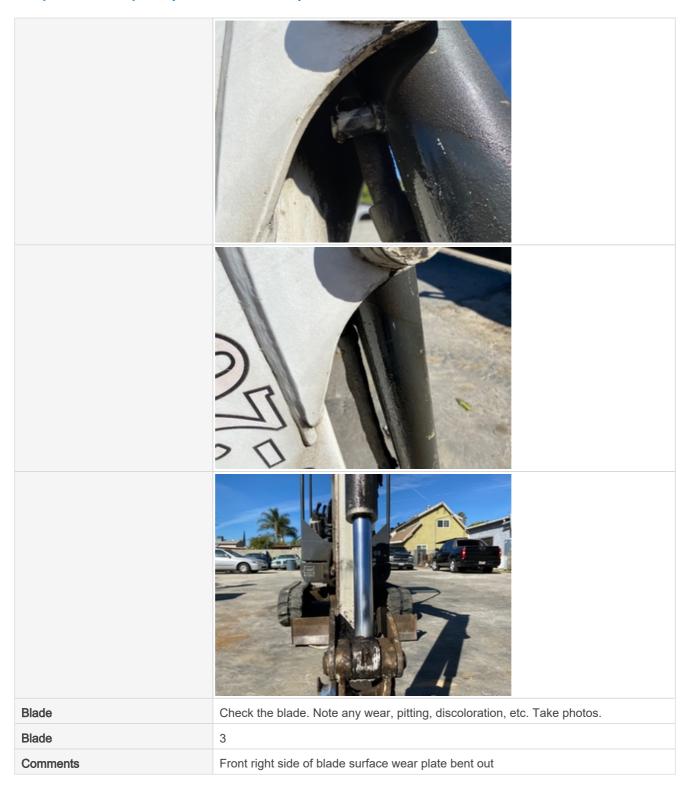




Bucket Cylinder	Check the bucket cylinder. Note any wear, pitting, discoloration, etc. Take photos.
Bucket Cylinder: Mounting Pin	3
Bucket Cylinder: Oil Leaks	Yes
Comments	Bucket cylinder leaks observed from hoses/fittings and possibly cylinder rod seal
Bucket Cylinder Photos	









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Blade Photos

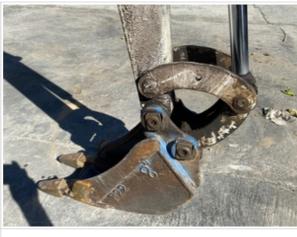


Bucket Inspection Points

Bucket Condition	3 - Normal Wear & Tear
Comments	2 buckets with machine are 8" and 12"
Bucket Photos	



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Bucket Hose & Fittings	3 - Normal Wear & Tear
Bucket Cylinder	3 - Normal Wear & Tear

Blade Inspection Points

Blade Condition	3 - Normal Wear & Tear
Blade Edge	2 - Above Average Wear
Blade Hose & Fittings	3 - Normal Wear & Tear
Blade Cylinder	3 - Normal Wear & Tear

Functional Test

Forward & Reverse	3 - Normal Wear & Tear
Swing Table Rotation	3 - Normal Wear & Tear
Boom Lift / Angle / Tilt	3 - Normal Wear & Tear
Blade Functionality	3 - Normal Wear & Tear
Overall Functional Test Comments	Overall machine functions well. No abnormal functioning observed and all implements in solid condition.
Operating Video	Click to Download

Overall Assessment

Overall Assessment	
Exterior Rating	3
Interior Rating	3
Safety Rating	3
Quality Rating	3
Functionality Rating	3
Overall Rating	3
What's Great About the Machine	Machine works well and has 2 different buckets for digging. Engine and hydraulics well maintained and sound healthy under load. Machine displays low hours and relates to how machine functions normal. No obvious major repairs needed.



What Needs Work	Bucket cylinder may need to be resealed. Hydraulic leaks at bucket cylinder needs attention. Lights inoperable. Front blade wear plate bent out and should be addressed for proper fitment. Minor seepage seen at engine fuel injector hardlines.
Date/Time	11-17-2022