

Inspection Report (Excavator)

General Info

B&B Stock Number	1
Year	2020
Make	CAT
Model	325
Serial Number	TEL00737
Hour Meter Reading	720 Hrs.
Previous Application (e.g., earth moving, mining, demolition, etc)	Landscape/Rock Removal

Dimensions

A. Length (ft and inches)	29'
B. Width (ft and inches)	10'4"
C. Height (ft and inches)	10'1"
Operational Weight (lbs)	63,000 Lbs.

Features and Configuration

Control Station Type	Cab
Travel System	Track Undercarriage
Bucket	Yes
Blade	No
Additional Attachment(s)	No
Hydraulic Coupler	Yes
Auxiliary Hydraulics	Yes
Hydraulic Thumb	Yes
Heat	Yes
A/C	Yes
Radio	Yes
Backup Camera	Yes
OMM (Operator & Maintenance Manual)	Yes
Telematics	No
Other Configuration Details / Notes	Machine does not come with bucket seen in photos. Machine comes with standard bucket.

OMM Specifications

OMM Specifications

Detail Specifications	Take photos of the detailed spec pages included in the operator's manual
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OMM Spec Photos

Illustration E9
Variable Boom (VAB)

Table 5

Boom	325	
	Reach Boom	VA Boom
Stick	2.92 m (9 ft 7 inch)	
Bucket	?	
Maximum Digging Depth (A)	6700 mm (22 ft 0 inch)	6500 mm 21 ft 4 in
Maximum Reach at Ground Level (B)	9780 mm (32 ft 1 inch)	10120 mm 33 ft 2 in
Maximum Cutting Height (C)	10970 mm (36 ft 0 inch)	11670 mm 38 ft 3 in
Maximum Loading Height (D)	7900 mm (25 ft 11 inch)	8530 28 ft 1 in
Minimum Loading Height (E)	1930 mm (6 ft 4 inch)	
Maximum Digging Depth (Vertical Wall) (F)	4900 mm (16 ft 4 inch)	5180 mm 16 ft 11 in

Specifications

Table 5

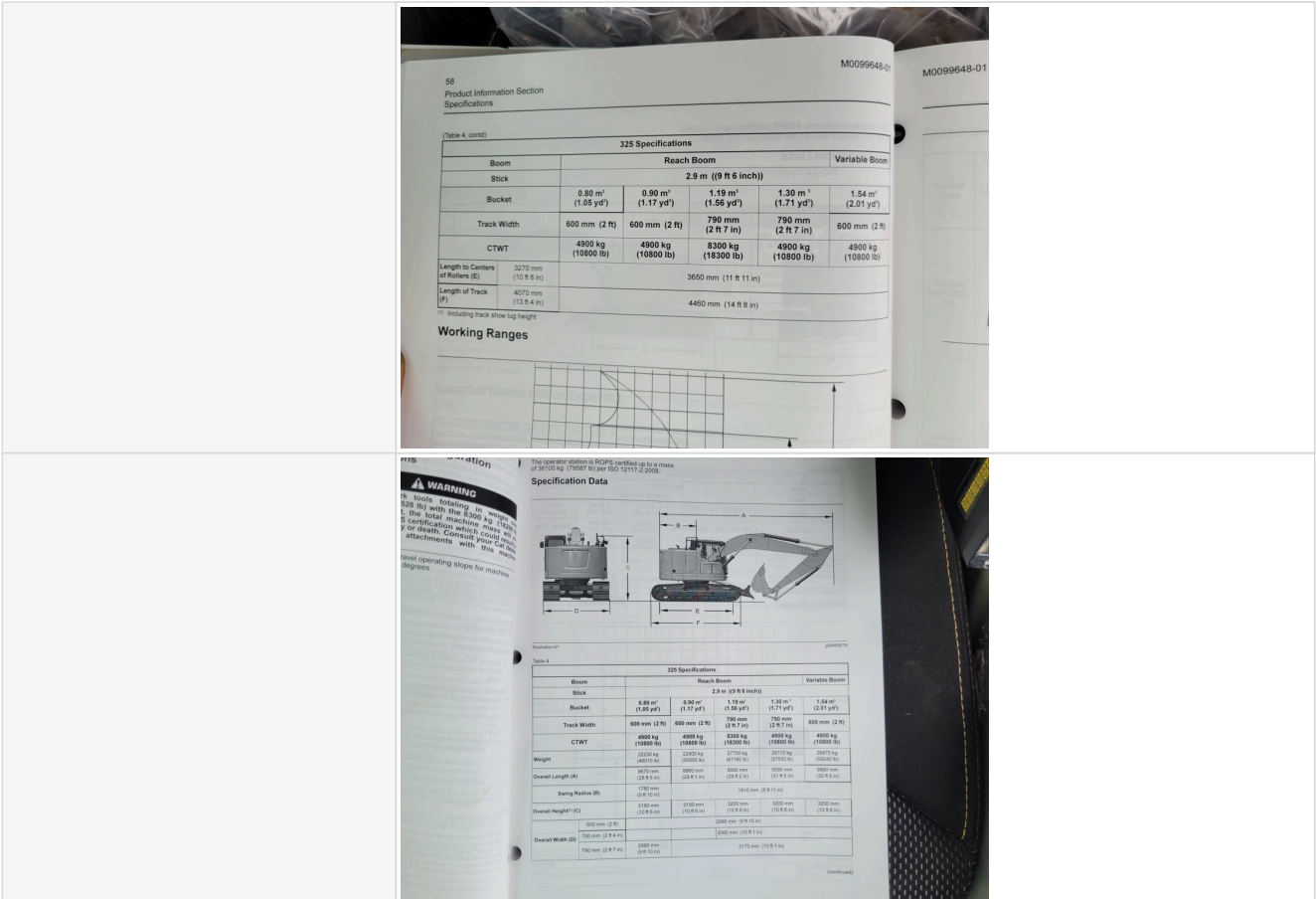
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Product Information Section
Specifications

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Exterior Walkaround Photos

360 Walkaround & Operating Video

Walkaround Photos & Operating Video

Exterior Walkaround Photos



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Inspection Report (Excavator)

		
Operating Video	Click to Download	

General Appearance Inspection Points

General Appearance

Inspection Rating Criteria

Inspection Rating Criteria	Rating Scale	Explanation
	1 - Service Required	Requires immediate repairs to function as expected.
	2 - Above Average Wear & Tear	Exhibits greater wear than expected given age and usage. While operable, further diagnosis may be needed.
	3 - Normal Wear & Tear	Exhibits wear that is consistent with age and usage. Operation is normal, and as expected.
	4 - Very Light or Minimal Wear	Exhibits very minimal wear. Operation is better than expected given age and usage.
	5 - Like New, Recently Replaced	Excellent condition, free of visible wear or damage. Operation is within factory specifications.

General Appearance Photos

Close-up Exterior Photos		
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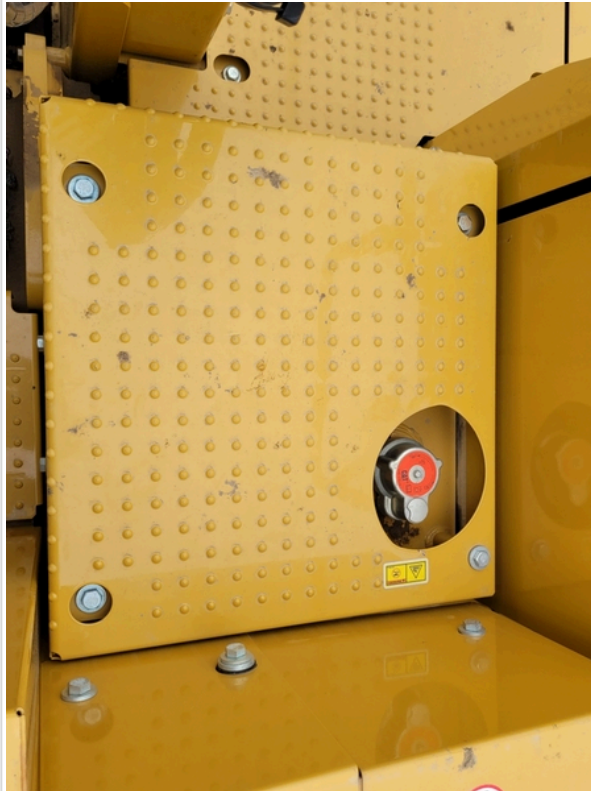
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Inspection Report (Excavator)



Inspection Report (Excavator)



Bottom Panel Dented



Inspection Report (Excavator)



Inspection Report (Excavator)



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General Appearance Inspection Points

Body Panels	4 - Very Light or Minimal Wear
Body Panel Condition	No visible damage, good paint condition and panel fitment, Some panel misalignment observed
Doors / Canopy Latches	5 - Like New, Recently Replaced
Steps / Ladders	5 - Like New, Recently Replaced
Handrails	5 - Like New, Recently Replaced
Glass	5 - Like New, Recently Replaced
Mirrors	5 - Like New, Recently Replaced
Exterior Lights	5 - Like New, Recently Replaced

Control Station Inspection Points

Control Station

Control Station Photos



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Serial Number Plate	
Hour Meter/Odometer	
Control Station Overall Rating	4 - Very Light or Minimal Wear
Control Station Overall Condition	Good cabin appearance, solid floors, panels, and ceiling
Operator Seat	5 - Like New, Recently Replaced
Cabin Lights	5 - Like New, Recently Replaced
Safety Lock Out / Stop	5 - Like New, Recently Replaced
Controls & Switches	5 - Like New, Recently Replaced
Hour Meter Activity	5 - Like New, Recently Replaced
Other Gauge Activity	5 - Like New, Recently Replaced
Heater & A/C	5 - Like New, Recently Replaced
Travel Alarm	5 - Like New, Recently Replaced
Horn	5 - Like New, Recently Replaced
Backup Camera	5 - Like New, Recently Replaced

Engine Inspection Points

Engine

Engine Compartment Photos

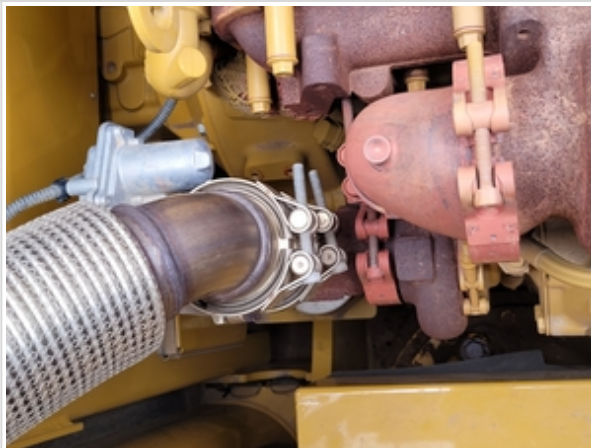
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<p>Engine Data Plate</p>	
<p>Engine Compartment Photos</p>	
	

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Engine Type (Make, Model, Cylinders, Hp)	CAT - 4.4 - 4CYL. - 174HP
Emissions Tier	Tier 4F
Engine Serial Number	N/A
Engine Fuel Type	Diesel
Blow-by (Visual Observation Check)	No
Unusual Noises (Upon Start-up, Idle, Shutdown)	No
Engine Smoke (Upon Start-up, Idle, Shutdown)	No
Engine Exhaust Color	Clear
Battery	5 - Like New, Recently Replaced
Battery Condition	Like new, recently replaced
Radiator	5 - Like New, Recently Replaced
Radiator Condition	Radiator fins & components appear to be in good working order, no signs of damage or leaks
Belts	4 - Very Light or Minimal Wear
Belt Condition	Belts appear in good condition & alignment with proper tension

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Hoses	4 - Very Light or Minimal Wear
Hose Condition	Firm, pliant hoses with no signs of wear or leaks
Water Pump	4 - Very Light or Minimal Wear
Water Pump Condition	No unusual pump noises heard
Cooling System Leaks	No
Coolant Color / Appearance	5 - Like New, Recently Replaced
Coolant Color/Appearance Notes	Normal Translucent appearance, no visual signs of contamination
Oil Leaks	No
Oil Color / Appearance	4 - Very Light or Minimal Wear
Oil Color / Appearance Notes	Clean oil appearance, no signs of cross contamination, Appropriate oil level
Fuel Leaks	No
Equipped with DPF (Diesel Particulate Filter)	Yes
DPF Condition	5 - Like New, Recently Replaced
DPF Condition Notes	Filter housing is intact with no signs of damage or malfunction, DPF indicator is not illuminated
Requires DEF (Diesel Exhaust Fluid)	Yes
DEF Tank	5 - Like New, Recently Replaced
DEF Tank Condition	Area around DEF tank cap is clean, fluid is clear & appears free of contaminants
Overall Engine Rating	5 - Like New, Recently Replaced
Overall Engine Appearance	Clean & dry, Dusty & dry
Overall Engine Comments	Engine runs well with no operating issues observed.



Drivetrain Inspection Points

Drivetrain

Drivetrain Photos



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Hydrostatic Transmission?	Yes	
2 Speed?	Yes	
Hydrostatic Drive Configuration	Split Transmission	
Transmission Components	4 - Very Light or Minimal Wear	
Transmission Condition	Good forward and reverse function	
Drive Motors	4 - Very Light or Minimal Wear	
Parking Brake	5 - Like New, Recently Replaced	
Parking Brake Function	Good brake function	
Overall Drivetrain Comments	Drivetrain working well in all directions and in all speeds.	

Chassis Inspection Points

Inspection Report (Excavator)

Chassis Photos



Inspection Report (Excavator)



Inspection Report (Excavator)




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Boom Condition	5 - Like New, Recently Replaced
Stick Condition	4 - Very Light or Minimal Wear
Boom Base Pin & Bushings	5 - Like New, Recently Replaced
Boom to Stick Pin & Bushings	4 - Very Light or Minimal Wear
Stick to Bucket Pin & Bushings	4 - Very Light or Minimal Wear
Turntable Bearing	5 - Like New, Recently Replaced
Bottom Covers	4 - Very Light or Minimal Wear
Comments	Some covers dented and most have cosmetic surface damage
Overall Chassis	5 - Like New, Recently Replaced
Overall Chassis Comments	Main Frame and Implements are in solid shape and no issues observed.

Travel System Inspection Points

Track Undercarriage

Basic Information

OEM Specific Undercarriage System (Ex. CAT SystemOne)	Sealed Grease Tracks
High Drive Configuration	No
Sealed and Lubricated Track Undercarriage (SALT)?	Yes
Oil Filled?	No
Grease Filled?	Yes
Low Ground Pressure (LGP)?	No
Track Shoe Width (inches)	TBD
Length of Track on Ground (ft and inches)	14'8"
Number of Rollers (per side)	8
Number of Shoes (per side)	49

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Undercarriage Photos

Undercarriage Photos



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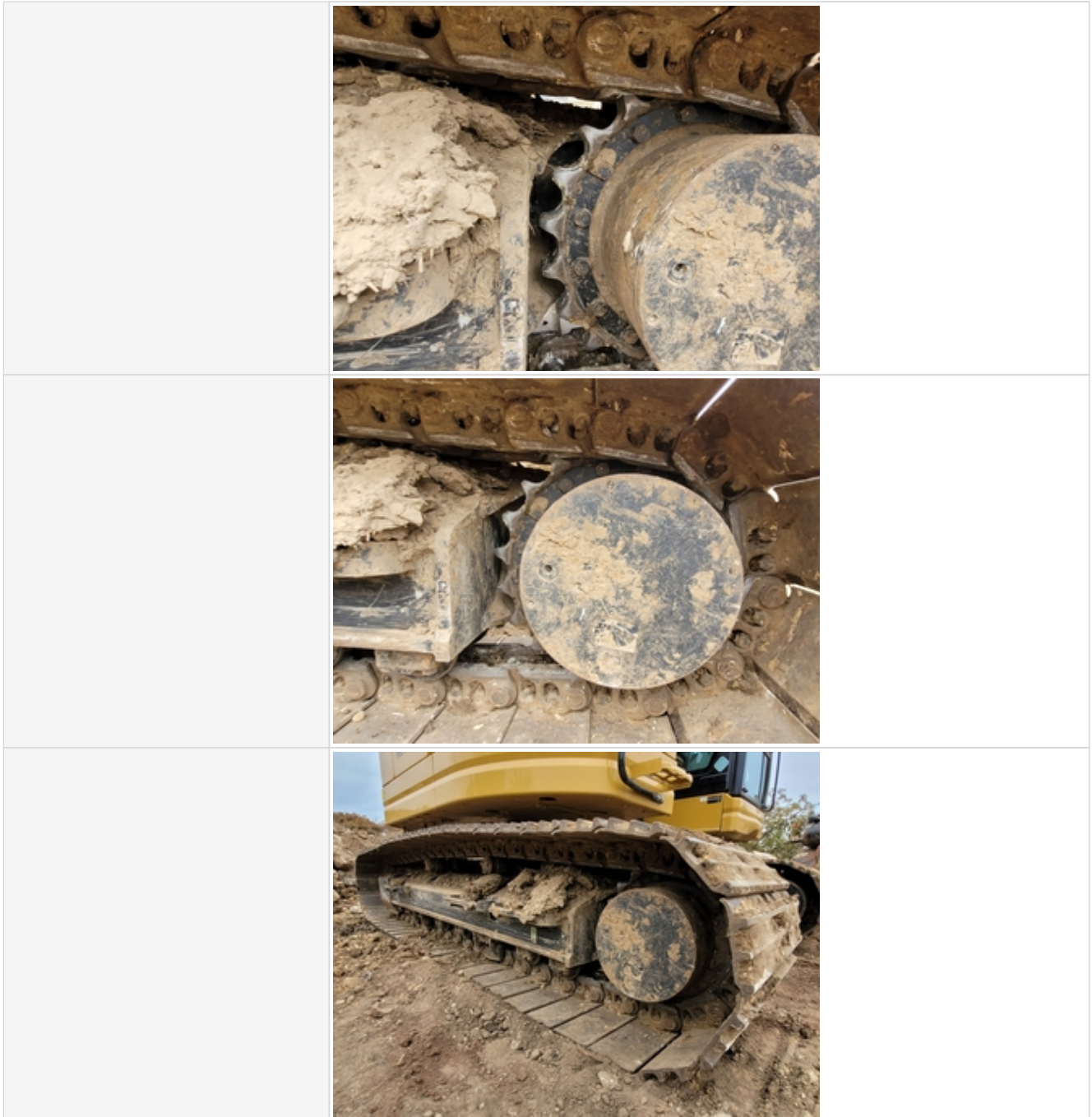
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Undercarriage Components

Sprocket Teeth	3 - Normal Wear & Tear
Track Bushings	3 - Normal Wear & Tear
Track Frames	4 - Very Light or Minimal Wear
Pivot Shafts	0
Equalizer Bar & Joints	0
Front Idler	4 - Very Light or Minimal Wear

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Track Tensioner	5 - Like New, Recently Replaced
Track links	4 - Very Light or Minimal Wear
Bottom Rollers	3 - Normal Wear & Tear
Carrier Rollers	3 - Normal Wear & Tear
Overall Undercarriage	4 - Very Light or Minimal Wear
Overall Undercarriage Comments	No issues observed. Normal wear and tear.

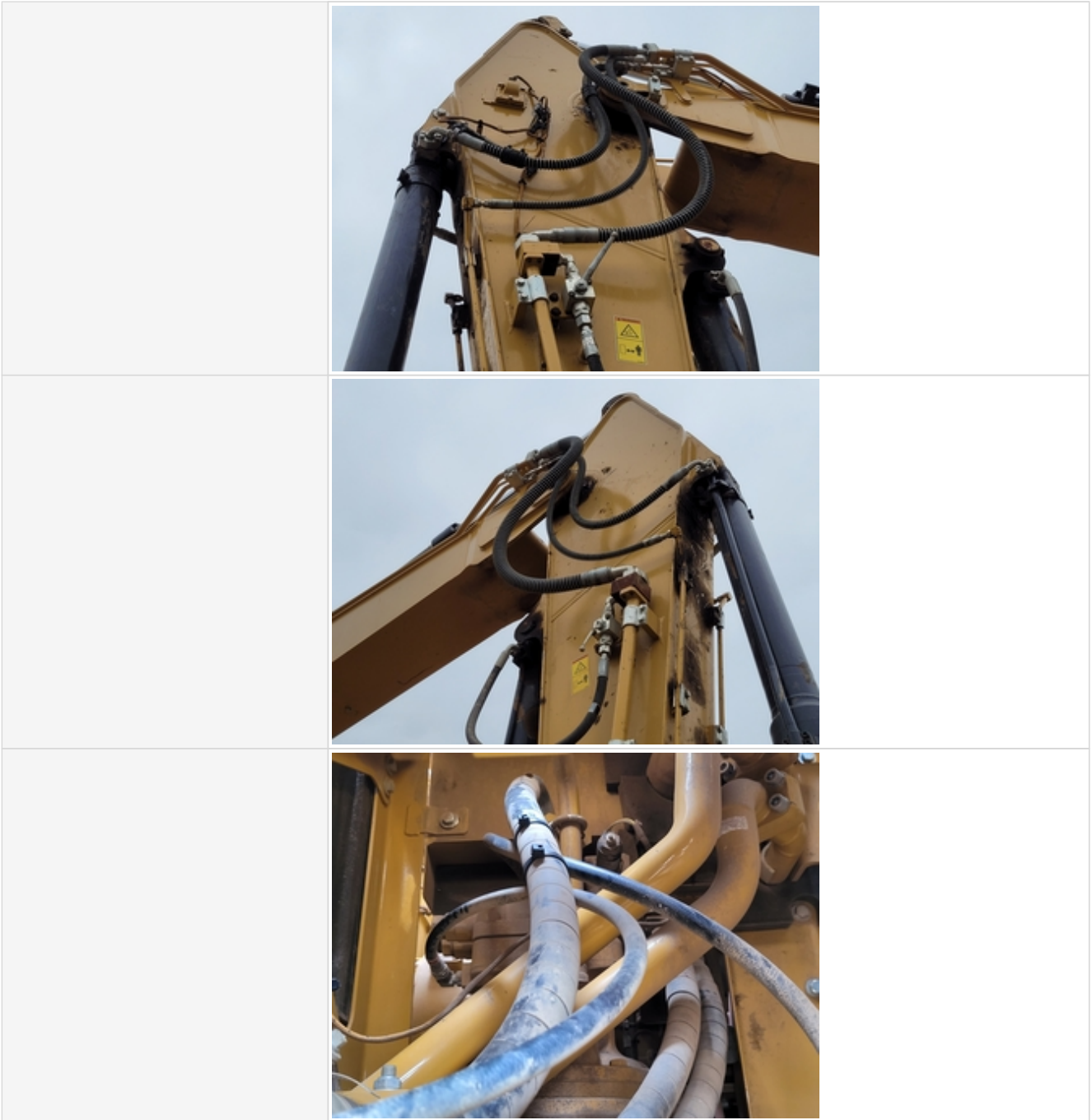
Hydraulics Overall Inspection Points

Hydraulics Overall

Hydraulic System Photos





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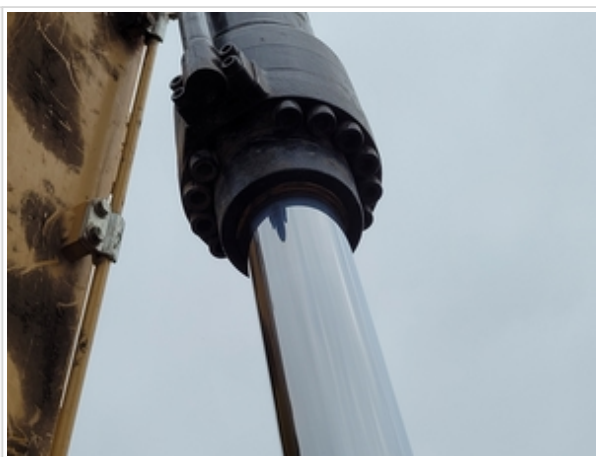




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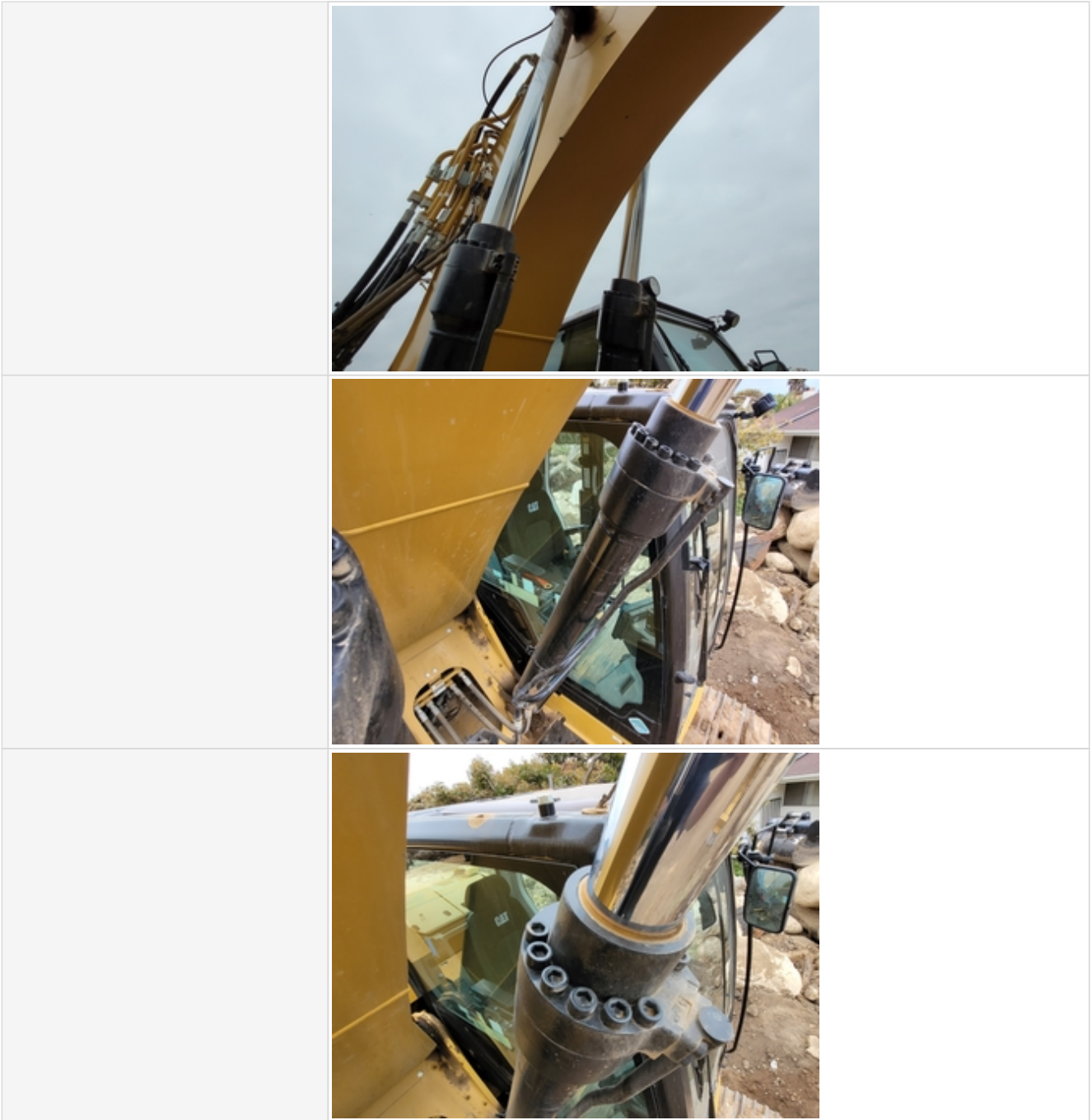
	
	
Wet or Damp Hydraulic Lines / Fittings	No
Appearance of Hydraulic Lines / Fittings	4 - Very Light or Minimal Wear
Hydraulic Lines / Fittings Condition	Hydraulic lines & fittings are clean and in good condition
Hydraulic Pump(s)	4 - Very Light or Minimal Wear
Unusual Noises (Hydraulic Pump)	No
Hydraulic Pump Notes	No unusual noises heard during operation

Hydraulics Cylinders Inspection Points




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<p>Hydraulic Cylinder Photos</p>		
		
		

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Hydraulic Cylinder(s): Mounting Pins	5 - Like New, Recently Replaced
Cylinder: Oil Leaks	No



Bucket Inspection Points

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Attachment Photos



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Bucket	4 - Very Light or Minimal Wear
Bucket Teeth	0
Blade	0
Blade Edge	0

Functional Test

Functionality Assessment

Functionality Assessment

Engine	4 - Very Light or Minimal Wear
Transmission/Drivetrain	4 - Very Light or Minimal Wear
Travel (Forward/Reverse/Steering)	5 - Like New, Recently Replaced
Brakes	5 - Like New, Recently Replaced
Hydraulic System	4 - Very Light or Minimal Wear
Electric Operating System	5 - Like New, Recently Replaced
Controls	5 - Like New, Recently Replaced
Safety Systems	5 - Like New, Recently Replaced
Core Functions	5 - Like New, Recently Replaced

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Attachments	3 - Normal Wear & Tear
Overall Functional Test Comments	All machine's functions operating well with no issues observed. All working smooth.

Overall Assessment

Overall Assessment

Inspection Rating Criteria	Rating Scale	Explanation
	1 - Service Required	Requires immediate repairs to function as expected.
	2 - Above Average Wear & Tear	Exhibits greater wear than expected given age and usage. While operable, further diagnosis may be needed.
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	4 - Very Light or Minimal Wear	Exhibits very minimal wear. Operation is better than expected given age and usage.
	5 - Like New, Recently Replaced	Excellent condition, free of visible wear or damage. Operation is within factory specifications.
Exterior Rating	4 - Very Light or Minimal Wear	
Interior Rating	4 - Very Light or Minimal Wear	
Safety Rating	5 - Like New, Recently Replaced	
Quality Rating	5 - Like New, Recently Replaced	
Functionality Rating	5 - Like New, Recently Replaced	
Overall Rating	5 - Like New, Recently Replaced	
What's Great About the Machine	Machine comes equipped with 2D grade system, payload software and e-fence system. Excavator has less than 1000 hours and is still running and looks new.	
What Needs Work	Cosmetic damage to some panels.	
Date/Time	06-02-2023	