

Inspection Report (Bulldozer)

General Info

B&B Stock Number	A4207041
Year	2004
Make	Caterpillar
Model	D8R
Serial Number	AKA00985
Hour Meter Reading	15253.9
Previous Application (e.g., earth moving, mining, demolition, etc)	Earth moving

Dimensions

A. Length (ft and inches)	19'
B. Width (ft and inches)	8'8"
C. Height (ft and inches)	11'6"
D. Attachment Width (ft and inches)	12'5"
Operational Weight (lbs)	82800 lb

Features and Configuration

Control Station Type	Cab
Blade	Yes
Blade Type	SU
Ripper	Yes
Heat	Yes
A/C	Yes
Radio	No
Backup Camera	No
OMM (Operator & Maintenance Manual)	No
Grade Control System	No
Telematics	No
Other Configuration Details / Notes	No ripper shanks or mounting pins

Exterior Walkaround Photos

360 Walkaround & Operating Video

Walkaround Photos & Operating Video

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Exterior Walkaround Photos					
					
Operating Video	Click to Download				


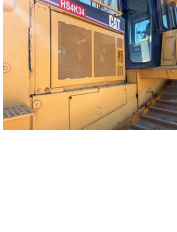

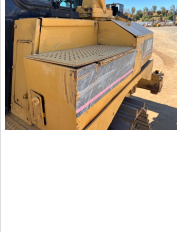
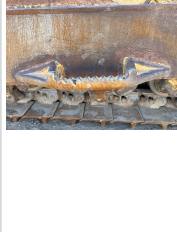










General Appearance Inspection Points

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					
			Dent on front left panel		
					
					
		Front right panel bent	Right side Windshield wiper blade worn		

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	Weather stripping worn Missing hardware to engine compartment door right side Misaligned engine compartment door right side				
					
					
		Right side tie down point damaged			
					
					
					
					

General Appearance Inspection Points

Body Panels	3 - Normal Wear & Tear
Body Panel Condition	Visible chipped paint or dents, Areas of surface rust observed
















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Doors / Canopy Latches	3 - Normal Wear & Tear
Doors / Canopy Latches Condition	Intermittent sticking observed on one or more latches/doors
Steps / Ladders	3 - Normal Wear & Tear
Steps / Ladders Condition	Steps/ladders are fully intact and appear structurally sound
Handrails	3 - Normal Wear & Tear
Handrails Condition	Handrails are fully intact and appear structurally sound
Glass	3 - Normal Wear & Tear
Glass Condition	Glass intact, no visible damage
Mirrors	3 - Normal Wear & Tear
Mirror Condition	Mirrors present and intact, no visible damage
Exterior Lights	3 - Normal Wear & Tear
Exterior Lights Condition	No visible damage, lighting system is operational



Control Station Inspection Points

Control Station

Control Station Photos

Control Station Photos					
					
			 Radio not installed		

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Serial Number Plate	 <p>A photograph of a metal service information plate mounted on a bulldozer. The plate is titled 'INFORMAÇÕES DE SERVIÇO' and 'SERVICE INFORMATION'. It contains fields for Model, Machine, Arrangement, Sequence Number, Engine, and Transmission. The sequence number is 1570818, and the engine number is 2354678. The plate also includes a parts order number 174-4590.</p>
Hour Meter/Odometer	 <p>A photograph of the bulldozer's hour meter/odometer. It features a digital display showing the number 15253.7. Above the display are several warning icons, including a battery, a light bulb, a gear, and a warning symbol.</p>
Control Station Overall Rating	3 - Normal Wear & Tear
Control Station Overall Condition	Minor cosmetic wear to cabin surfaces, floors, panels, and ceiling
Operator Seat	3 - Normal Wear & Tear
Operator Seat Condition	Seat adjustment controls have limited range of motion, Seat belt secures properly, Seat belt is intact and in good condition
Cabin Lights	3 - Normal Wear & Tear
Cabin Lights Condition	Cabin lights are installed with all light covers in place, bulbs are installed and working properly
Safety Lock Out / Stop	0
Controls & Switches	3 - Normal Wear & Tear







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Controls & Switches Condition	Switches have good functionality, minor cosmetic damage observed
Hour Meter Activity	3 - Normal Wear & Tear
Hour Meter Condition	Hour meter is functional and in good condition
Other Gauge Activity	3 - Normal Wear & Tear
Other Gauge Condition	All cockpit gauges are functional and in good condition
Heater & A/C	3 - Normal Wear & Tear
Heater & A/C Condition	Heater and A/C work as expected, Fan vents are very dirty
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
Backup Camera	0


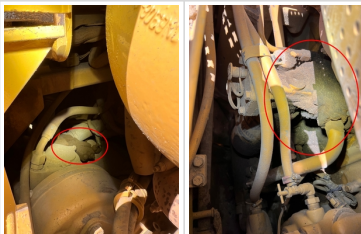
Engine Inspection Points

Engine

Engine Compartment Photos

Engine Data Plate					
Engine Compartment Photos					 <p>Seepage from hydraulic lines</p>

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	 <p>Belt not attached to component</p>	
Engine Type (Make, Model, Cylinders, Hp)	Caterpillar, 3406, 6 cylinder, hp 310-425	
Emissions Tier	Undetermined	
Engine Serial Number	BET09150	
Engine Fuel Type	Diesel	
Blow-by (Visual Observation Check)	No	
Unusual Noises (Upon Start-up, Idle, Shutdown)	Yes	
Unusual Noise Notes	Other (see comments)	
Comments	Loose or worn drive belts	
Engine Smoke (Upon Start-up, Idle, Shutdown)	No	
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	Other (see comments)	
Comments	Worn belts	
Hoses	3 - Normal Wear & Tear	
Hose Condition	Dried seepages observed	
Hose Photos		
Water Pump	3 - Normal Wear & Tear	

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Water Pump Condition	No unusual pump noises heard
Cooling System Leaks	No
Coolant Color / Appearance	3 - Normal Wear & Tear
Oil Leaks	No
Oil Color / Appearance	3 - Normal Wear & Tear
Oil Color / Appearance Notes	Appropriate oil level, Very dark, black & burnt oil appearance
Fuel Leaks	No
Equipped with DPF (Diesel Particulate Filter)	No
Requires DEF (Diesel Exhaust Fluid)	No
Overall Engine Rating	3 - Normal Wear & Tear
Overall Engine Appearance	Areas of dried seepage seen on engine hoses & components, Dusty & dry
Overall Engine Comments	Overall the engine compartment is ok. Signs of seepage at oil filter and connecting lines. Also, recommend a preventative maintenance interval for the engine.

Drivetrain Inspection Points

Drivetrain

Drivetrain Photos			
Parking Brake	3 - Normal Wear & Tear		
Overall Drivetrain Comments	Drivetrain components are working as designed. No abnormal sounds while functioning. No noticeable leaking from drivetrain components		

Undercarriage Inspection Points

Track Undercarriage

Basic Information

OEM Specific Undercarriage System (Ex. CAT SystemOne)	Cat systemOne
High Drive Configuration	Yes
Sealed and Lubricated Track Undercarriage (SALT)?	Yes
Oil Filled?	Yes
Grease Filled?	No
Low Ground Pressure (LGP)?	No
Track Shoe Width (inches)	9.5"
Length of Track on Ground (ft and inches)	20"

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Number of Carrier Rollers (per side)	0
Number of Rollers (per side)	8
Number of Shoes (per side)	44









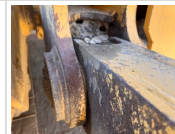

Undercarriage Photos

Undercarriage Photos					
					






Undercarriage Components

Sprocket Teeth	3 - Normal Wear & Tear
Track Bushings	3 - Normal Wear & Tear
Track Frames	3 - Normal Wear & Tear
Pivot Shafts	3 - Normal Wear & Tear
Equalizer Bar & Joints	3 - Normal Wear & Tear
Front Idler	3 - Normal Wear & Tear
Rear Idler	3 - Normal Wear & Tear
Track Tensioner	3 - Normal Wear & Tear
Track links	3 - Normal Wear & Tear
Bottom Rollers	3 - Normal Wear & Tear
Carrier Rollers	3 - Normal Wear & Tear
Overall Undercarriage	3 - Normal Wear & Tear
Overall Percent Estimate	50%
Overall Undercarriage Comments	The undercarriage components all have normal wear and tear.

Chassis Inspection Points








Chassis Photos					
					

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Push Arm / C-Frame Condition	3 - Normal Wear & Tear
Push Arm Pivot / C-Frame Trunnions Condition	3 - Normal Wear & Tear
Tilt Linkage Pin & Bushings	3 - Normal Wear & Tear
Angle Linkage Pin & Bushings	3 - Normal Wear & Tear
Blade Trunnions / Bushings	3 - Normal Wear & Tear
Frame Condition	3 - Normal Wear & Tear
Belly Pans	3 - Normal Wear & Tear
Overall Chassis	3 - Normal Wear & Tear

Hydraulics Overall Inspection Points

Hydraulics Overall

Hydraulic System Photos	 	
Wet or Damp Hydraulic Lines / Fittings	Yes	
Appearance of Hydraulic Lines / Fittings	3 - Normal Wear & Tear	
Hydraulic Pump(s)	3 - Normal Wear & Tear	
Unusual Noises (Hydraulic Pump)	No	
Hydraulic Cylinder Photos	    	
	<p>Front right bucket angle cylinder</p> <p>Front right bucket tilt cylinder</p> <p>Front left bucket tilt cylinder</p> <p>Rear left ripper tilt cylinder</p> <p>Rear right ripper tilt cylinder</p>	
Mounting Pins	3 - Normal Wear & Tear	
Cylinder Oil Leaks	No	





Attachment Inspection Points

Attachments

Additional Attachments

Attachment Size / Specs	12'5"x 5'5"
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Attachment Condition	3 - Normal Wear & Tear			
Attachment Photos				 Missing shank and retaining pin

Functional Test

Functionality Assessment

Functionality Assessment

Engine	3 - Normal Wear & Tear
Transmission/Drivetrain	3 - Normal Wear & Tear
Travel (Forward/Reverse/Steering)	3 - Normal Wear & Tear
Brakes	3 - Normal Wear & Tear
Hydraulic System	3 - Normal Wear & Tear
Electric Operating System	3 - Normal Wear & Tear
Controls	3 - Normal Wear & Tear
Safety Systems	3 - Normal Wear & Tear
Core Functions	3 - Normal Wear & Tear
Attachments	3 - Normal Wear & Tear
Overall Functional Test Comments	All functions work as designed no abnormal sounds while functioning no leaks while functioning

Inspection Summary

Overall Assessment

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Exterior Rating	3 - Normal Wear & Tear	
Interior Rating	3 - Normal Wear & Tear	
Safety Rating	3 - Normal Wear & Tear	
Quality Rating	3 - Normal Wear & Tear	

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Functionality Rating	3 - Normal Wear & Tear
Overall Rating	3 - Normal Wear & Tear
What's Great About the Machine	What is great about this machine is that it starts right up and is ready to go to work. The engine has no abnormal sounds and no active leaks. All hydraulic cylinders are in good condition. Drivetrain components do not have any abnormal sounds and no active leaks while functioning.
What Needs Work	The engine oil needs to be changed along with all engine related filters.
Date/Time	06-20-2023
Inspector Name	Javier Bocanegra