

Inspection Report (Wheel Loader)

General Info

B&B Stock Number	1
Year	1974
Make	CAT
Model	824B
Serial Number	36H1331
Hour Meter Reading	2,596 Hrs. (Hours shown NOT Total Hours)
Previous Application (e.g., earth moving, mining, demolition, etc)	General Grading Construction

Dimensions

A. Length (ft and inches)	TBD
B. Width (ft and inches)	TBD
C. Height (ft and inches)	TBD
D. Attachment Width (ft and inches)	TBD
Operational Weight (lbs)	64,600 Lbs

Features and Configuration

Control Station Type	Cab
Bucket	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	Wheel Dozer has 13' 6way blade.



Exterior 360 Walkaround

360 Walkaround & Operating Video

Walkaround Photos & Operating Video

Exterior Walkaround Photos	    
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Operating Video	Click to Download		
Additional 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					
				window cracked	Front Cab Windows missing
					
		Window cracked			Small Dent
					
					

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		Edge has minor damage		Rear Step slightly bent	



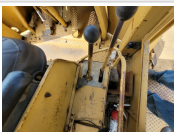


General Appearance Inspection Points

Body Panels	3 - Normal Wear & Tear
Body Panel Condition	Visible chipped paint or dents, Some panel misalignment observed, Other (see comments)
Comments	Minor dents seen all around. Minor Panel Misalignment also observed.
Doors / Canopy Latches	3 - Normal Wear & Tear
Doors / Canopy Latches Condition	No visible damage
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	2 - Above Average Wear & Tear
Glass Condition	Major chips or cracks observed, Glass is broken or shattered
Comments	Cab windows missing and some broken.
Mirrors	3 - Normal Wear & Tear
Mirror Condition	Mirrors present and intact, no visible damage
Exterior Lights	2 - Above Average Wear & Tear
Exterior Lights Condition	Overall lighting system is non-operational
Comments	Turned Light dial to all on (Engine running),and front/rear Lights inoperable.










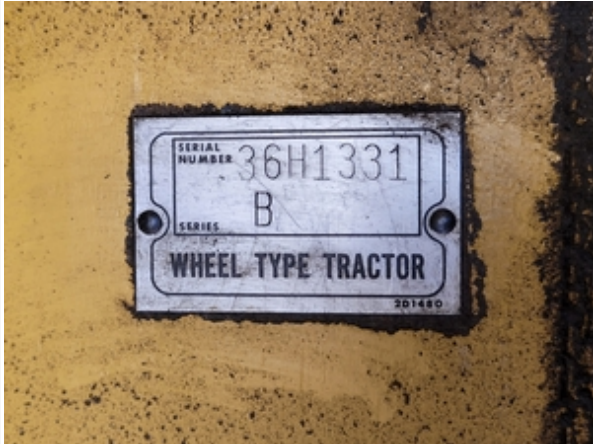

Control Station Inspection Points

Control Station

Control Station Photos

Control Station Photos					
					
					

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Serial Number Plate	
Hour Meter/Odometer	
Control Station Overall Rating	3 - Normal Wear & Tear
Control Station Overall Condition	Minor cosmetic wear to cabin surfaces, floors, panels, and ceiling, Other (see comments)
Comments	Normal wear and tear for its age
Operator Seat	2 - Above Average Wear & Tear
Operator Seat Condition	Seat(s) is damaged due to sun exposure; fading, cracking observed, Seat(s) has major surface staining or tears
Cabin Lights	0
Safety Lock Out / Stop	2 - Above Average Wear & Tear
Safety Lock Out / Stop Condition	Other (see comments)
Comments	Parking Brake Control not functioning (Park Brake does NOT apply)
Controls & Switches	2 - Above Average Wear & Tear
Controls & Switches Condition	One or more switches are inoperative or missing
Comments	Some switches may not be functioning properly.
Hour Meter Activity	0

















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Other Gauge Activity	3 - Normal Wear & Tear
Other Gauge Condition	All cockpit gauges are functional and in good condition, Gauges are functional, with some wear and/or cosmetic damage
Comments	Diesel tank is empty or Fuel Gauge Not registering
Heater & A/C	0
Travel Alarm	2 - Above Average Wear & Tear
Travel Alarm Condition	System is configured but not operating correctly
Comments	Back-Up Alarm NOT functioning
Horn	2 - Above Average Wear & Tear
Horn Condition	Horn installed but functioning improperly
Comments	Horn inoperable
Backup Camera	0





Engine Inspection Points

Engine

Engine Compartment Photos

Engine Data Plate					
Engine Compartment Photos					 Engine oil leak area
					
					

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	Engine oil leak area	
Engine Type (Make, Model, Cylinders, Hp)	D343 - 6Cyl. - 14.6L - 400HP	
Emissions Tier	Tier 0	
Engine Serial Number	N/A	
Engine Fuel Type	Diesel	
Blow-by (Visual Observation Check)	Yes	
Comments	Some blowby observed	
Unusual Noises (Upon Start-up, Idle, Shutdown)	No	
Engine Smoke (Upon Start-up, Idle, Shutdown)	No	
Engine Exhaust Color	Clear	
Battery	2 - Above Average Wear & Tear	
Battery Condition	Needs charge or replacement, Inaccessible, unable to determine condition, Other (see comments)	
Comments	Batteries needed to be jump started. (Machine sitting a while without being started)	
Radiator	3 - Normal Wear & Tear	
Radiator Condition	Signs of defects, chips, or contamination buildup seen on cooling fan, Other (see comments)	
Comments	Radiator looks normal for it's age. No active leaks seen.	
Belts	2 - Above Average Wear & Tear	
Belt Condition	Other (see comments)	
Comments	Unable to view belts	
Hoses	3 - Normal Wear & Tear	
Hose Condition	Firm, pliant hoses with no signs of wear or leaks	
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	Yes	

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Oil Leak Notes	Dried oil seepages seen, Wet areas with drops forming due to oil leakage, Active dripping and/or oil pooling observed, Other (see comments)
Comments	All sides of Engine has signs of active oil leaks.
Oil Color / Appearance	3 - Normal Wear & Tear
Oil Color / Appearance Notes	Appropriate oil level, Dirty oil appearance, signs of particulate matter & deposits seen
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	Very dirty, Active leaks/pooling observed in & around engine compartment
Overall Engine Comments	Engine fired right up at initial startup. The engine sounded healthy at idle and under load. Engine has multiple small leaks. Engine Service and Engine Compartment pressure wash recommended.

Drivetrain Inspection Points





















Drivetrain

Drivetrain Photos					
			R/S, Top of Rear Axle		
					
	L/S Underneath of Rear Axle			Transmission Housing	
					
			Bottom of Transmission Housing	Transmission	
					
				Transmission	














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	Driveshaft	
Hydrostatic Transmission?	No	
2 Speed?	No	
Hydrostatic Drive Configuration	Close Coupled Transmission	
Transmission Info (Make/Model/Speeds)	Powershift, 3 Speed, AWD	
Transmission Components	3 - Normal Wear & Tear	
Transmission Condition	Good forward and reverse function	
Drive Motors	0	
Parking Brake	1 - Service Required	
Parking Brake Function	Poor performance; brake won't hold	
Comments	Could not get Park Brake to function to lock brakes. Further inspection recommended	
Overall Drivetrain Comments	Drivetrain traveled well in all directions and in all speeds. A few areas of active leaks observed.	

Chassis Inspection Points

Chassis Photos					
					
			Some excess play seen at connecting points	Bottom R/S, Push Arm to Blade, Retaining Pin Modified	
					
					

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					Some Excess Play seen on both sides.
					
Frame	3 - Normal Wear & Tear				
Stance	3 - Normal Wear & Tear				
Front Axle Appearance	3 - Normal Wear & Tear				
Rear Axle Appearance	3 - Normal Wear & Tear				
Comments	Residual oil buildup on axle. (Possibly from Engine oil leaks)				
Articulating Center Pin Appearance	3 - Normal Wear & Tear				
Lift Arm	3 - Normal Wear & Tear				
Comments	Push Arm Okay				
Chassis to Arm Pins	3 - Normal Wear & Tear				
Tilt Linkage	3 - Normal Wear & Tear				
Tilt Linkage Pins and Bushings	3 - Normal Wear & Tear				
Quick Coupler	0				
Quick Coupler to Arms Pins	0				
Overall Chassis	3 - Normal Wear & Tear				
Overall Chassis Comments	Main frame in solid shape. Push arm frame in good shape. Push Arm/Blade connections have some excess play.				












Wheels & Tires Inspection Points

Wheels & Tires

Wheels & Tires Inspection Points















Wheels & Hub Condition	3
Comments	Rear R/S tire has sidewall cracks
Wheel Seal Leaks	No
Tire Brand	Firestone

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Tire Size	29.5 - 29			
Front Left Tire - Ratio Remaining	70%			
Front Left Tire Photos				
Front Right Tire - Ratio Remaining	70%			
Front Right Tire Photos				
Rear Right Tire - Ratio Remaining	30%			
Rear Right Tire Photos				
Rear Left Tire - Ratio Remaining	50%			
Rear Left Tire Photos				

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 Lines / Fittings Condition	Hydraulic lines & fittings are clean and in good condition, Active leaks in hoses or fittings observed				
Hydraulic Pump(s)	3 - Normal Wear & Tear				
Unusual Noises (Hydraulic Pump)	No				
Hydraulic Pump Notes	No unusual noises heard during operation				
Hydraulic Cylinder Photos					
					








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Mounting Pins	3 - Normal Wear & Tear	
Cylinder Oil Leaks	Yes	
Comments	All cylinders leaking at rod seals	

Attachment Inspection Points

Attachments

Additional Attachments

Attachment Type	6 Way Push Blade			
Attachment Make	CAT			
Attachment Size / Specs	13'			
Attachment Condition	3 - Normal Wear & Tear			
Comments	Push Blade Lift, Tilt and Tip all functional.			
Attachment Photos	    			
	 			

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	2 - Above Average Wear & Tear
Comments	Service Brakes okay, Parking Brake Inoperable.
Hydraulic System	3 - Normal Wear & Tear
Electric Operating System	3 - Normal Wear & Tear
Controls	3 - Normal Wear & Tear
Safety Systems	2 - Above Average Wear & Tear
Comments	Parking Brake, Backup Alarm, and Horn Inoperable
Core Functions	3 - Normal Wear & Tear

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Attachments	3 - Normal Wear & Tear
Overall Functional Test Comments	Machine's main functions are all working okay.

Overall Assessment

Overall Assessment

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Exterior Rating	3 - Normal Wear & Tear												
Interior Rating	3 - Normal Wear & Tear												
Safety Rating	2 - Above Average Wear & Tear												
Quality Rating	3 - Normal Wear & Tear												
Functionality Rating	3 - Normal Wear & Tear												
Overall Rating	3 - Normal Wear & Tear												
What's Great About the Machine	Machine started right up after sitting for a while and traveled into gear with no hesitation. Hydraulics all worked with no functionality problems seen. Most tires have plenty of life left.												
What Needs Work	Many leaks exist with hydraulics and some on engine. Batteries may need to be replaced. Parking brake, Backup Alarm and Horn Inoperable. Some excess play seen in implements.												
Date/Time	06-09-2023												