

## Inspection Report (Wheel Loader)

### General Info

B&B Stock Number	1 (B&B Stock # N/A in HUBSPOT)
Year	2001
Make	CAT
Model	966G
Serial Number	3SW00976
Hour Meter Reading	11,256 Hrs.
Previous Application (e.g., earth moving, mining, demolition, etc)	Rental Equipment

### Features and Configuration

Control Station Type	Cab
Bucket	Yes
Bucket Specs	N/A
Auxiliary Hydraulics	No
Heat	Yes
A/C	Yes
Radio	No
Backup Camera	No
OMM (Operator & Maintenance Manual)	No
Telematics	No

### Exterior 360 Walkaround

#### 360 Walkaround & Operating Video

#### Walkaround Photos & Operating Video

Exterior Walkaround Photos					
	Operating Video	<a href="#">Click to Download</a>			

### General Appearance Inspection Points

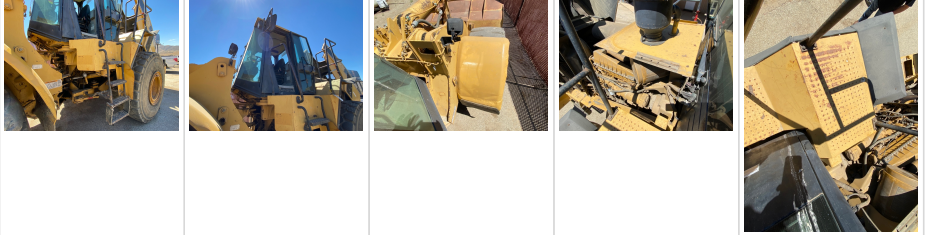
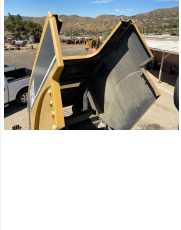



















#### General Appearance

#### Inspection Rating Criteria

## Inspection Report (Wheel Loader)

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					
					
			Worn rear step		
					
			Minor damage to R/S Step		
					
		Worn rear step		L/S Step Ladder bent	
					

## General Appearance Inspection Points

Body Panels	3 - Normal Wear & Tear
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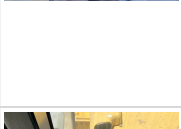
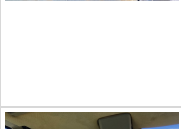


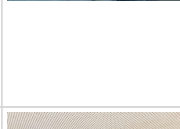















## Inspection Report (Wheel Loader)

<b>Body Panel Condition</b>	Some panel misalignment observed, Visible chipped paint or dents, Other (see comments)
<b>Comments</b>	Normal wear for its age. All steps worn and bent but still usable.
<b>Doors / Canopy Latches</b>	3 - Normal Wear & Tear
<b>Doors / Canopy Latches Condition</b>	Intermittent sticking observed on one or more latches/doors, Other (see comments)
<b>Comments</b>	Main Cab entry door handle has broken cover and R/S Cab Window Latch hard to close
<b>Steps / Ladders</b>	3 - Normal Wear & Tear
<b>Steps / Ladders Condition</b>	Bent or broken steps or rungs
<b>Handrails</b>	3 - Normal Wear & Tear
<b>Handrails Condition</b>	Handrails are fully intact and appear structurally sound
<b>Glass</b>	3 - Normal Wear & Tear
<b>Glass Condition</b>	Glass intact, no visible damage
<b>Mirrors</b>	3 - Normal Wear & Tear
<b>Mirror Condition</b>	Mirrors present and intact, no visible damage
<b>Exterior Lights</b>	3 - Normal Wear & Tear
<b>Exterior Lights Condition</b>	No visible damage, lighting system is operational

## Control Station Inspection Points





### Control Station

### Control Station Photos

<b>Control Station Photos</b>					
					
					
					
					
					



## Inspection Report (Wheel Loader)

	
	
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
Operator Seat	2 - Above Average Wear & Tear
Operator Seat Condition	Seat(s) has major surface staining or tears
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
Controls & Switches Condition	Switches have good functionality, minor cosmetic damage observed
Hour Meter Activity	3 - Normal Wear & Tear






## Inspection Report (Wheel Loader)

Hour Meter Condition	Hour meter is functional and in good condition
Other Gauge Activity	3 - Normal Wear & Tear
Other Gauge Condition	Gauges are functional, with some wear and/or cosmetic damage
Heater & A/C	3 - Normal Wear & Tear
Heater & A/C Condition	Heater and A/C work as expected
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>Minor oil seepage at oil pan gasket area</p>	

## Inspection Report (Wheel Loader)




Engine Type (Make, Model, Cylinders, Hp)	CAT - 3306 - 6Cyl. - 250HP
Emissions Tier	Tier 2
Engine Serial Number	6NC23466
Engine Fuel Type	Diesel
Blow-by (Visual Observation Check)	Yes
Comments	Minor Blowby Seen
Unusual Noises (Upon Start-up, Idle, Shutdown)	No
Engine Smoke (Upon Start-up, Idle, Shutdown)	Yes
Engine Smoke Notes	Engine smoke observed upon start up, Other (see comments)
Comments	Black smoke at initial startup and cleared up as it warmed up
Engine Exhaust Color	Heavy black smoke at start up, Clear at operating temperature, Black
Battery	3 - Normal Wear & Tear
Battery Condition	Clean & dry appearance, tight connections, 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
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
Equipped with DPF (Diesel Particulate Filter)	No
Requires DEF (Diesel Exhaust Fluid)	No
Overall Engine Rating	3 - Normal Wear & Tear

## Inspection Report (Wheel Loader)

Overall Engine Appearance	Clean & dry
Overall Engine Comments	Engine sputtered a bit after initial startup but ran fine after it warmed up. Engine sounds strong and runs well under load. No major engine oil leaks observed. Overall engine has well maintained appearance.

## Drivetrain Inspection Points

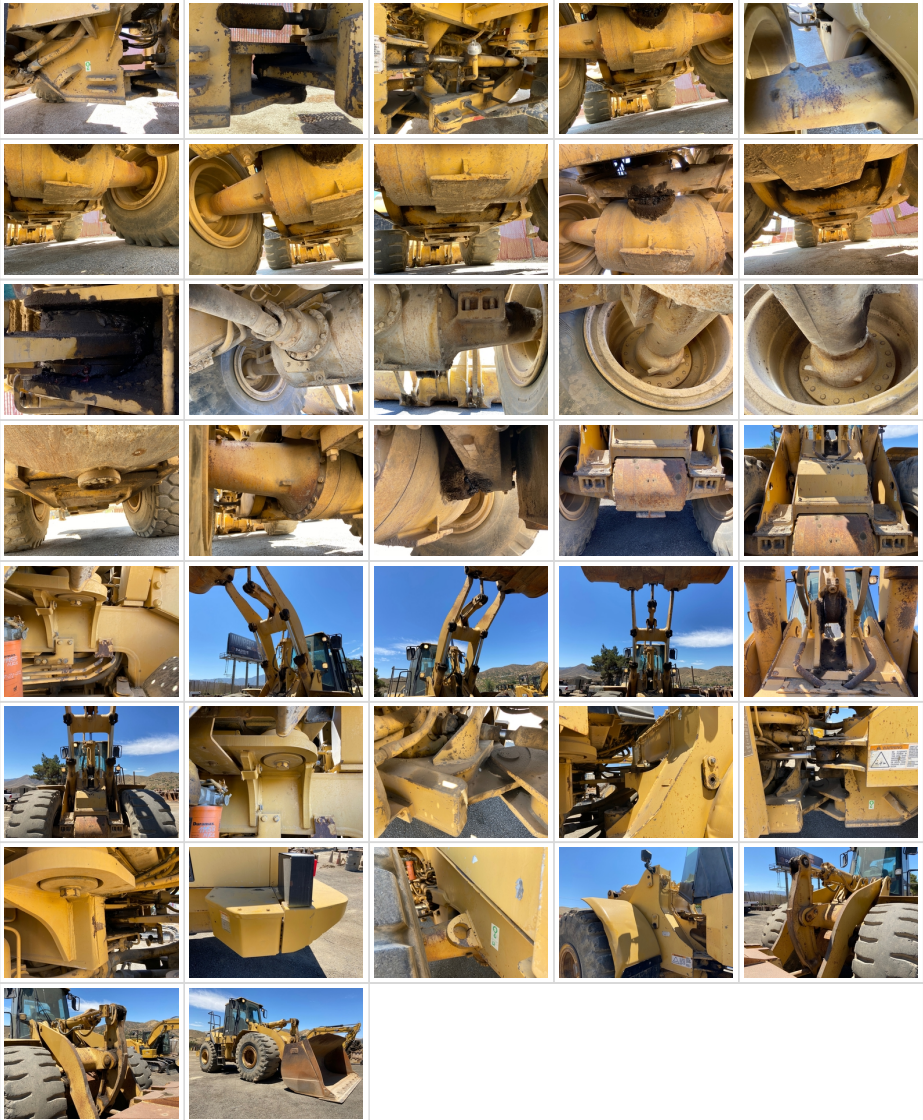
### Drivetrain

Drivetrain Photos	
	 <p>Parking Brake not holding</p>
	 <p>Backend of Transmission Housing shows some signs of residual oil buildup. No active leaks seen.</p>
Hydrostatic Transmission?	No
2 Speed?	N/A
Hydrostatic Drive Configuration	Other (see comments)
Transmission Info (Make/Model/Speeds)	Powershift 3 Speed transmission
Transmission Components	3 - Normal Wear & Tear
Transmission Condition	Good forward and reverse function
Drive Motors	0
Parking Brake	2 - Above Average Wear & Tear
Parking Brake Function	Poor performance; brake won't hold, Other (see comments)
Comments	Parking brake inoperable, further inspection recommended.
Overall Drivetrain Comments	Transmission shifts okay in all speeds and in all directions.

## Chassis Inspection Points



## Inspection Report (Wheel Loader)

Chassis Photos	
Frame	3 - Normal Wear & Tear
Stance	3 - Normal Wear & Tear
Front Axle Appearance	3 - Normal Wear & Tear
Rear Axle Appearance	3 - Normal Wear & Tear
Articulating Center Pin Appearance	3 - Normal Wear & Tear
Lift Arm	3 - Normal Wear & Tear
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





## Inspection Report (Wheel Loader)

Overall Chassis	3 - Normal Wear & Tear
Overall Chassis Comments	Frame and implements in good condition. No excessive play observed at implements. Axles also have a healthy appearance.

### Wheels & Tires Inspection Points

#### Wheels & Tires



















### Wheels & Tires Inspection Points

Wheels & Hub Condition	3
Wheel Seal Leaks	No
Tire Brand	Yokohama & Solideal
Tire Size	25.5 - 25
Front Left Tire - Ratio Remaining	50%
Front Left Tire Photos	
Front Right Tire - Ratio Remaining	50%
Front Right Tire Photos	
Rear Right Tire - Ratio Remaining	10%
Rear Right Tire Photos	
Rear Left Tire - Ratio Remaining	30%
Rear Left Tire Photos	

### Hydraulics Overall Inspection Points

#### Hydraulics Overall

## Inspection Report (Wheel Loader)

Hydraulic System Photos					
			<p>One Hyd. Pump has some residual oil buildup. Further inspection recommended.</p>		
					
					
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				
Hydraulic Pump(s)	3 - Normal Wear & Tear				
Unusual Noises (Hydraulic Pump)	No				
Hydraulic Pump Notes	No unusual noises heard during operation				
Hydraulic Cylinder Photos					
					
Mounting Pins	3 - Normal Wear & Tear				
Cylinder Oil Leaks	Yes				
Comments	Both steer cylinders and lift cylinders have signs of leaking rod seals.				


### Attachment Inspection Points

### Attachments

### Additional Attachments



## Inspection Report (Wheel Loader)

Attachment Type	5 Yard GP Smooth Edge Bucket
Attachment Make	CAT
Attachment Size / Specs	5 Yard
Attachment Condition	3 - Normal Wear & Tear
Comments	Bottom edge of bucket worn but Cutting Edges okay
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	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 machines main functions operating normal. No major operating issues with the engine, transmission or hydraulics were observed.

## Overall Assessment

### Overall Assessment

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	5 - Like New, Recently Replaced	Excellent condition, free of visible wear or damage. Operation is within factory specifications.
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 Wear & Tear	
Overall Rating	3 - Normal Wear & Tear	
What's Great About the Machine	Machine has been well maintained and no major active leaks seen. Engine sounds healthy and transmission works well.	
What Needs Work	The hydraulics also working okay but I recommend further checking the cycle times for the lift circuit because it seemed a bit slow. Some minor signs of hydraulics leaking seen throughout the system. The seat may need to be replaced soon. Some tires need to be replaced soon. The parking brake is inoperable.	
Date/Time	07-03-2023	
Inspector Name	Mario Ramirez	