

Inspection Report (Backhoe Loader)

General Info

B&B Stock Number	A5447729
Year	2018
Make	case
Model	580sn
Serial Number	JJGN58SNPJC753003
Hour Meter Reading	2052.6
Previous Application (e.g., earth moving, mining, demolition, etc)	used in asphalt

Dimensions

A. Length (ft and inches)	26ft
B. Width (ft and inches)	7ft
C. Height (ft and inches)	8ft 10in
Operational Weight (lbs)	17,269lbs

Features and Configuration




Control Station Type	Canopy
Travel System	Wheels
Loader Bucket	Yes
Loader Bucket Specs	1cu yard
Backhoe Bucket	No
Additional Attachment(s)?	No
Auxiliary Hydraulics	No
Heat	No
A/C	No
Radio	No
Backup Camera	No
OMM (Operator & Maintenance Manual)	No
Telematics	No
Other Configuration Details / Notes	N/A

Exterior 360 Walkaround

360 Walkaround & Operating Video

Walkaround Photos & Operating Video







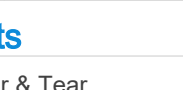
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Exterior Walkaround Photos					
					

General Appearance Inspection Points

General Appearance

General Appearance Photos

Close-up Exterior Photos					
	minor damage and rust				
					
		missing a rigger pad in left hand side rigger.			

General Appearance Inspection Points














Body Panels	3 - Normal Wear & Tear
Body Panel Condition	Some panel misalignment observed, Other (see comments), Visible chipped paint or dents
Comments	The hood does not close properly
Doors / Canopy Latches	0
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	0
Mirrors	0
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

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Control Station Photos	 above normal wear and tear			 missing right hand side arm rest pad	
					 steering wheel case has some misalignment present
					
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	above normal wear and tear on operators seat				


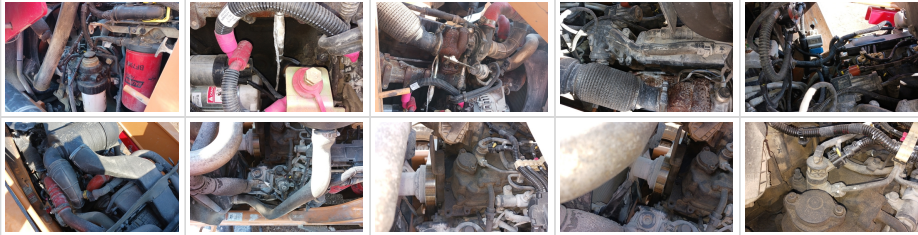
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Operator Seat	2 - Above Average Wear & Tear
Operator Seat Condition	Seat(s) has major surface staining or tears, Seat belt secures properly, Seat belt is intact and in good condition
Cabin Lights	0
Safety Lock Out / Stop	0
Controls & Switches	3 - Normal Wear & Tear
Controls & Switches Condition	Switches have good functionality, minor cosmetic damage observed
Hour Meter Activity	3 - Normal Wear & Tear
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	0
Travel Alarm	0
Horn	3 - Normal Wear & Tear
Horn Condition	Horn is installed and functioning as expected
Backup Camera	0

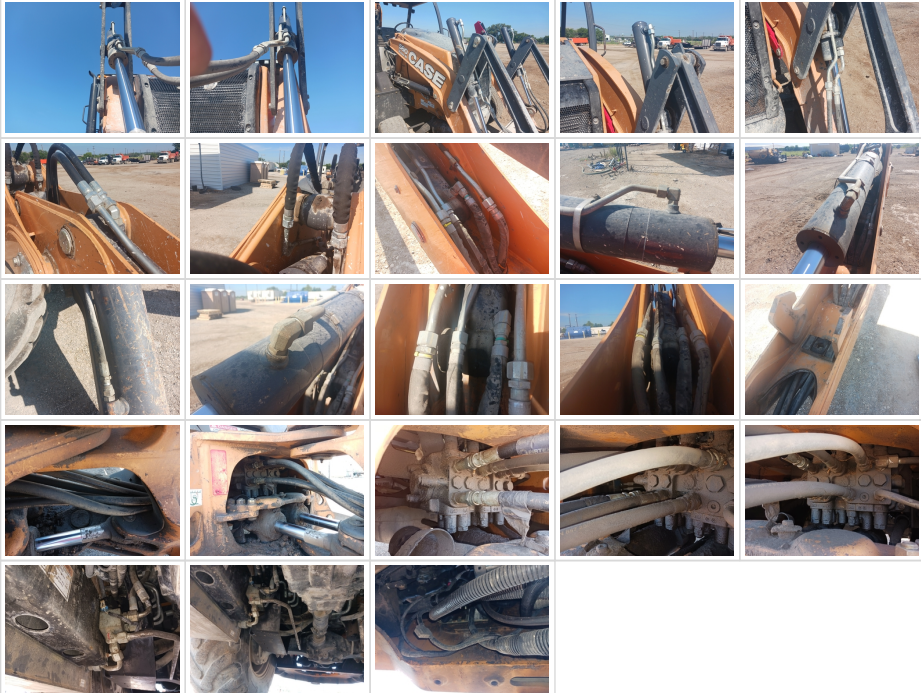
Engine Inspection Points

Engine

Engine Compartment Photos

Engine Data Plate					
Engine Compartment Photos					
Engine Type (Make, Model, Cylinders, Hp)	Case, 445A/E3, 97hp				

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Emissions Tier	Tier 4F
Engine Serial Number	unable to verify
Engine Fuel Type	Diesel
Blow-by (Visual Observation Check)	Yes
Comments	Nothing unusual seen
Unusual Noises (Upon Start-up, Idle, Shutdown)	Yes
Unusual Noise Notes	Continuous muffled, hollow sound heard
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	Belts appear in good condition & alignment with proper tension
Hoses	2 - Above Average Wear & Tear
Hose Condition	Leaks in one or more hoses or fittings observed
Comments	some hoses have leaks
Hose Photos	

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Water Pump	3 - Normal Wear & Tear
Water Pump Condition	No unusual pump noises heard
Cooling System Leaks	No
Coolant Color / Appearance	0
Oil Leaks	No
Oil Color / Appearance	2 - Above Average Wear & Tear
Oil Color / Appearance Notes	Very dark, black & burnt oil appearance
Fuel Leaks	No
Equipped with DPF (Diesel Particulate Filter)	Yes
DPF Condition	3 - Normal Wear & Tear
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	3 - Normal Wear & Tear
DEF Tank Condition	Area around DEF tank cap is clean, fluid is clear & appears free of contaminants
Overall Engine Rating	3 - Normal Wear & Tear
Overall Engine Appearance	Dusty & dry, Very dirty
Overall Engine Comments	The engine is making an unusual noise when on and seems to shut off when force is needed.

Drivetrain Inspection Points


Drivetrain

Drivetrain Photos	
	
Hydrostatic Transmission?	Yes
2 Speed?	No
Hydrostatic Drive Configuration	Other (see comments)
Comments	unable to verify
Transmission Components	3 - Normal Wear & Tear
Transmission Condition	Good forward and reverse function
Drive Motors	3 - Normal Wear & Tear

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Parking Brake	3 - Normal Wear & Tear
Parking Brake Function	Good brake function
Overall Drivetrain Comments	Good condition

Chassis Inspection Points





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
Oscillating Pin Appearance	0
Lift Arm	3 - Normal Wear & Tear
Chassis to Arm Pins	3 - Normal Wear & Tear
Tilt Linkage	0
Tilt Linkage Pins & Bushings	0
Bucket to Arm Pins	3 - Normal Wear & Tear
Boom	3 - Normal Wear & Tear
Stick	3 - Normal Wear & Tear
Stick Extension Wear Guides	0
Boom Lock	3 - Normal Wear & Tear
Swing Tower Pivot	3 - Normal Wear & Tear
Boom Base Pin & Bushings	3 - Normal Wear & Tear
Boom to Stick Pin & Bushings	3 - Normal Wear & Tear
Stick to Bucket Pin & Bushings	3 - Normal Wear & Tear
Outriggers	2 - Above Average Wear & Tear
Comments	left side outrigger is missing a pad
Overall Chassis	3 - Normal Wear & Tear

Travel System Inspection Points

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Wheels & Tires

Wheels & Tires Inspection Points

Wheels & Hub Condition	3
Wheel Seal Leaks	No
Tire Brand	front-Maxdura. rear-camsso
Tire Size	front 11L-16F3. rear 19.5L-24IND
Front Left Tire - Ratio Remaining	50%
Front Left Tire Photos	
Front Right Tire - Ratio Remaining	30%
Front Right Tire Photos	
Rear Right Tire - Ratio Remaining	10%
Rear Right Tire Photos	
Rear Left Tire - Ratio Remaining	70%
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	Cracking, stiff, or charred hydraulic hoses, Other (see comments)
Comments	aome hoses do have small leaks, mainly seen around seals
Hydraulic Pump(s)	3 - Normal Wear & Tear
Unusual Noises (Hydraulic Pump)	No


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Hydraulic Pump Notes	No unusual noises heard during operation
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Hydraulics Cylinders Inspection Points

Hydraulic Cylinder(s) Photos	
Hydraulic Cylinder(s): Mounting Pins	3 - Normal Wear & Tear
Hydraulic Cylinder(s): Oil Leaks	Yes
Comments	leaks were seen on some cylinders around the seals

Bucket Inspection Points

Loader & Backhoe Bucket Photos	
Loader Bucket	3 - Normal Wear & Tear
Loader Bucket Edge / Deflectors	3 - Normal Wear & Tear
Backhoe Bucket	0
Backhoe Bucket Edge / Deflectors	0

Functional Test

Functionality Assessment

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Functionality Assessment

Engine	2 - Above Average Wear & Tear
Comments	Engine is making an odd sounds and it turned off when force was needed
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	Machine is in operating condition, just needs the engine looked at.

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.
	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.
Exterior Rating	3 - Normal Wear & Tear	
Interior Rating	2 - Above Average Wear & Tear	
Safety Rating	3 - Normal Wear & Tear	
Quality Rating	3 - Normal Wear & Tear	
Functionality Rating	2 - Above Average Wear & Tear	
Overall Rating	2 - Above Average Wear & Tear	
What's Great About the Machine	The machine has good tread on the rear tires and it is in working order.	
What Needs Work	The engine needs to be looked at and the left hand side rigger arm needs a pad.	
Date/Time	06-09-2023	