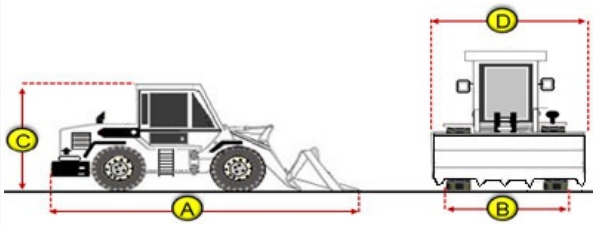


Inspection Report (Wheel Loader)

General Info

Year	1981
Make	CAT
Model	930B - unit 15-101
Serial Number	41K10862
Hour Meter Reading	4,018
Previous Application (e.g., earth moving, mining, demolition, etc)	General Construction excavation

Dimensions

Measurement Guide	
A. Length (ft and inches)	20'
B. Width (ft and inches)	7'10"
C. Height (ft and inches)	10'4"
D. Attachment Width (ft and inches)	8'
Operational Weight (lbs)	21,208



Features and Configuration

Control Station Type	Canopy
Bucket	Yes
Bucket Specs	8'
Auxiliary Hydraulics	Yes
Heat	No
A/C	No
Radio	No
Backup Camera	No
OMM (Operator & Maintenance Manual)	No
Telematics	No
Other Configuration Details / Notes	Auxiliary hydraulics installed for quick coupler attachment

Exterior 360 Walkaround

Exterior 360 Walkaround

Inspection Report (Wheel Loader)

<p>Instructions</p>	<p>Take photos of the exterior of the piece of equipment. Capture a full 360 degree walk around and all major components.</p> <p>Must have shots to capture:</p> <ul style="list-style-type: none"> - Front - 45 degree corner shot of left front - 45 degree corner shot of right front - Left side - Right side - Rear - 45 degree corner shot of left rear - 45 degree corner shot of right rear <p>Tips for good photos:</p> <ul style="list-style-type: none"> - Move the equipment into a open area without any visual distractions or other equipment in the background
<p>Exterior Walkaround Photos</p>	
	

Inspection Report (Wheel Loader)



Inspection Report (Wheel Loader)



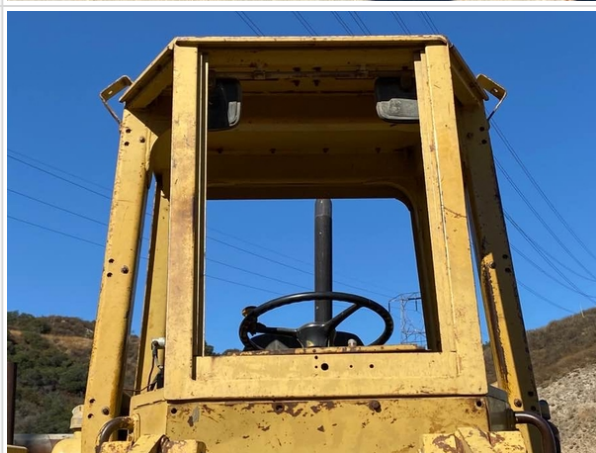


General Appearance Inspection Points

General Appearance

Front	3 - Normal Wear & Tear
Front Condition	No visible damage

Inspection Report (Wheel Loader)




<p>Front Photos</p>	
	
	
<p>Rear</p>	<p>3 - Normal Wear & Tear</p>
<p>Rear Condition</p>	<p>No visible damage</p>

Inspection Report (Wheel Loader)




Rear Photos



Inspection Report (Wheel Loader)

		
Left	3 - Normal Wear & Tear	
Left Condition	No visible damage	
Left Photos		
		



Inspection Report (Wheel Loader)

	
	
<p>Right</p>	<p>3 - Normal Wear & Tear</p>
<p>Right Condition</p>	<p>No visible damage</p>
<p>Right Photos</p>	

Inspection Report (Wheel Loader)



Inspection Report (Wheel Loader)

	
Upper	3 - Normal Wear & Tear
Upper Condition	No visible damage
Upper Photos	

Inspection Report (Wheel Loader)






Body Panels (Any Rust Damage?)	3 - Normal Wear & Tear
Body Panel Condition	No visible damage, good paint condition and panel fitment
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

Inspection Report (Wheel Loader)



Steps / Ladders Photos



Inspection Report (Wheel Loader)

	
	
Handrails	3 - Normal Wear & Tear
Handrails Condition	Handrails are fully intact and appear structurally sound
Handrail Photos	


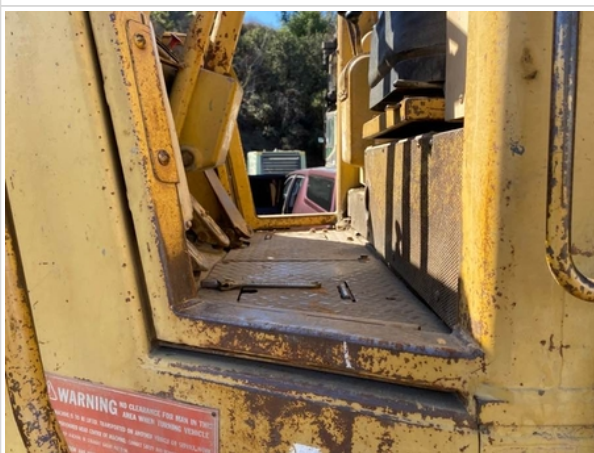
Inspection Report (Wheel Loader)

	
Glass Condition	0
Mirrors	3 - Normal Wear & Tear
Mirror Condition Notes	Mirrors present and intact, no visible damage
Mirrors Photos	
Lighting System	0

Control Station Inspection Points

Control Station




Inspection Report (Wheel Loader)

<p>Serial Number Plate Photo</p>	
<p>Operator Cabin Overall</p>	<p>3 - Normal Wear & Tear</p>
<p>Operator Cabin Overall Condition</p>	<p>Minor cosmetic wear to cabin surfaces, floors, panels, and ceiling</p>
<p>Operator Cabin Photos</p>	



Inspection Report (Wheel Loader)



Inspection Report (Wheel Loader)

	
Operator's Seat & Arm Rests	2 - Above Average Wear
Operator's Seat & Arm Rests Condition	Seat(s) is damaged due to sun exposure; fading, cracking observed
Operator's Seat & Arm Rests Photos	
Seat Belt	2 - Above Average Wear
Seat Belt Condition	Seat belt secures properly. Nicks, cuts, holes, or fraying observed on belt webbing, Other (see comments)
Comments	Seat belt difficult to lock in place
Cabin Lights	0
Safety Lock Out / Stop	0
Controls & Switches	2 - Above Average Wear
Controls & Switches Condition	All switches are installed and functional
Controls & Switches Photos	
Hour Meter Activity	3 - Normal Wear & Tear

Inspection Report (Wheel Loader)

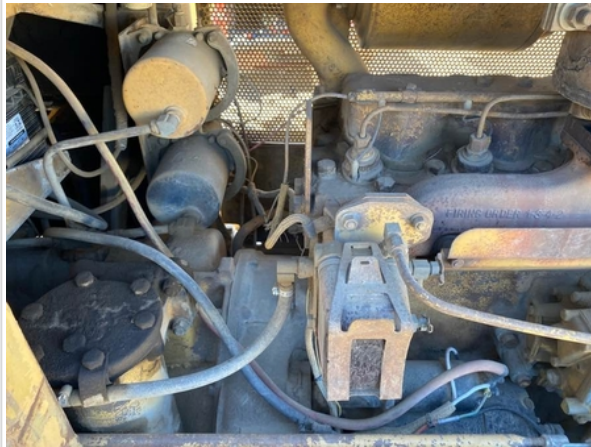
Hour Meter Condition	Hour meter is functional and in good condition
Hour Meter Activity Photos	
Other Gauge Activity	3 - Normal Wear & Tear
Other Gauge Condition	All cockpit gauges are functional and in good condition
Other Gauge Activity Photos	
Heater & A/C	0
Fans / Vents	0
Travel Alarm	3 - Normal 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
Fire Extinguisher	0
First Aid Kit	0

Engine Inspection Points

Engine	
Engine Type (Make, Model, Cylinders, Hp)	CAT 3304 - 4 CYL. - 95HP
Emissions Tier	Tier 0
Engine Serial Number	78P49427
Engine Fuel Type	Diesel

Inspection Report (Wheel Loader)




Engine Photos





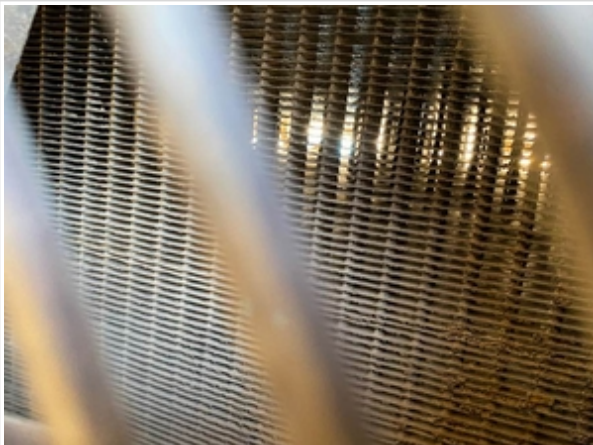
Inspection Report (Wheel Loader)






Inspection Report (Wheel Loader)

	
	
	
Blow-by (Visual Observation Check)	Yes
Comments	Yes minor blowby
Unusual Noises (Upon Start-up, Idle, Shutdown)	No
Unusual Noise Notes	No unusual noises heard
Engine Smoke (Upon Start-up, Idle, Shutdown)	No
Engine Smoke Notes	No engine smoke issues observed


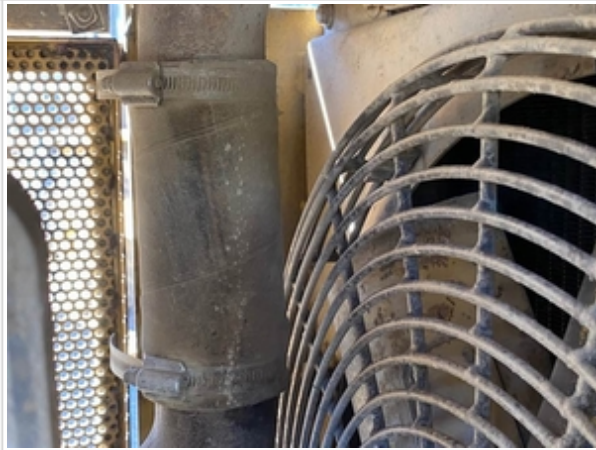

Inspection Report (Wheel Loader)

Engine Exhaust Color	Clear
Battery	3 - Normal Wear & Tear
Battery Condition	Dusty & dirty appearance, Clean & dry appearance, tight connections
Battery Condition Photos	
Radiator	3 - Normal Wear & Tear
Radiator Condition	Radiator fins & components appear to be in good working order, no signs of damage or leaks
Radiator Photos	
	
Belts	3 - Normal Wear & Tear
Belt Condition	Belts appear in good condition & alignment with proper tension


Inspection Report (Wheel Loader)

<p>Belt Photos</p>	
	
	
<p>Hoses</p>	<p>3 - Normal Wear & Tear</p>
<p>Hose Condition</p>	<p>Firm, pliant hoses with no signs of wear or leaks</p>

Inspection Report (Wheel Loader)

Hose Photos	
	
	
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
Oil Leak Notes	Wetness & discoloration observed

Inspection Report (Wheel Loader)




Comments	Oil pan has oil buildup and shows signs of active leak.
Oil Leak Photos	
Oil Color / Appearance	3 - Normal Wear & Tear
Oil Color / Appearance Notes	Clean oil appearance, no signs of cross contamination, Appropriate oil level, Other (see comments)
Fuel Leaks	No
Equipped with DPF (Diesel Particulate Filter)	No
Requires DEF (Diesel Exhaust Fluid)	No
Overall Engine Appearance	Active leaks/pooling observed in & around engine compartment, Areas of dried seepage seen on engine hoses & components
Overall Engine Comments	Overall engine sounds okay. Engine oil leaks exist.

Drivetrain Inspection Points



Drivetrain

Hydrostatic Transmission?	No
Transmission Info (Make/Model/Speeds)	4 Speed Powershift Transmission
Transmission	2 - Above Average Wear
Transmission Condition	Other (see comments), Leaking transmission fluid observed, Grinding, clunking, or whining sounds heard
Comments	Transmission hesitates to move immediately under low throttle and knocking is felt/heard in higher gears shifting

Inspection Report (Wheel Loader)

Transmission Photos	
	
Clutch	0
Shift Lever	3 - Normal Wear & Tear
Shift Lever Condition	Good forward and reverse function
Shift Level Photos	
Foot Brake	3 - Normal Wear & Tear
Foot Brake Condition	Good brake function




Inspection Report (Wheel Loader)

Foot Brake Photos	
Parking Brake	3 - Normal Wear & Tear
Parking Brake Condition	Good brake function
Parking Brake Photos	
Overall Drivetrain Comments	Transmission should be further inspected. There is slow shifting and abnormal sound when shifting into higher gears.

Chassis Inspection Points

Frame	3 - Normal Wear & Tear
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Inspection Report (Wheel Loader)

<p>Frame Photos</p>		
		
		




Inspection Report (Wheel Loader)






Inspection Report (Wheel Loader)

	
	
<p>Stance</p>	<p>3 - Normal Wear & Tear</p>
<p>Stance Photos</p>	
<p>Front Axle Appearance</p>	<p>3 - Normal Wear & Tear</p>




Inspection Report (Wheel Loader)

Front Axle Appearance Photos		
		
		
Rear Axle Appearance	3 - Normal Wear & Tear	




Inspection Report (Wheel Loader)

<p>Rear Axle Appearance Photos</p>		
		
		




Inspection Report (Wheel Loader)

		
Articulating Center Pin Appearance	3 - Normal Wear & Tear	
Articulating Center Pin Appearance Photos		
		
Tire Brand	Loadmaster	
Tire Size	17.5-25	
Front Left Tire - Ratio Remaining	90%	




Inspection Report (Wheel Loader)

<p>Front Left Tire Photos</p>	
	
<p>Rear Left Tire - Ratio Remaining</p>	<p>90%</p>
<p>Rear Left Tire Photos</p>	

Inspection Report (Wheel Loader)

		
<p>Front Right Tire - Ratio Remaining</p>	<p>90%</p>	
<p>Front Right Tire Photos</p>		
		
<p>Rear Right Tire - Ratio Remaining</p>	<p>90%</p>	




Inspection Report (Wheel Loader)

Rear Right Tire Photos	 A close-up photograph of the rear right tire of a yellow wheel loader. The tire is heavily treaded and shows signs of wear. The loader's body is visible in the background with the text "CALEX ENGINEERING CO. 15-101" and the number "125" on it.
	 A second close-up photograph of the rear right tire, showing a different angle of the tread and the wheel hub. The background shows the same yellow loader with "CALEX ENGINEERING CO. 15-101" visible.
Lift Arm	3 - Normal Wear & Tear
Lift Arm Photos	 A photograph of the lift arm mechanism of the wheel loader. It shows the hydraulic cylinders, pins, and the bucket attachment point. The components appear to be in good condition with some minor wear.




Inspection Report (Wheel Loader)



Inspection Report (Wheel Loader)

		
Chassis to Arm Pins	3 - Normal Wear & Tear	
Chassis to Arm Pins Photos		
		
Tilt Linkage	3 - Normal Wear & Tear	
Comments	Front L/S tilt linkage bar slightly bent	

Inspection Report (Wheel Loader)

<p>Tilt Linkage Photos</p>	
	
	
<p>Tilt Linkage Pins and Bushings</p>	<p>3 - Normal Wear & Tear</p>

Inspection Report (Wheel Loader)

Tilt Linkage Pins and Bushings
Photos






Inspection Report (Wheel Loader)



Quick Coupler

3 - Normal Wear & Tear

Inspection Report (Wheel Loader)



<p>Quick Coupler Photos</p>	
	
	
<p>Quick Coupler to Arms Pins</p>	<p>3 - Normal Wear & Tear</p>
<p>Comments</p>	<p>Quick coupler to loader arms bores have excessive play</p>

Inspection Report (Wheel Loader)

Quick Coupler to Arms Pins
Photos



Inspection Report (Wheel Loader)

		
		
Overall Chassis	3 - Normal Wear & Tear	
Overall Chassis Comments	Overall chasis is intact working well with a few issues. (Noted in previous columns).	

Hydraulics Overall Inspection Points

Hydraulics Overall	
Wet or Damp Hydraulic Lines / Fittings	Yes
Appearance of Hydraulic Lines / Fittings	3
Hydraulic Lines / Fittings Condition	Active leaks in hoses or fittings observed, Hydraulic lines & fittings are clean and in good condition, Other (see comments)
Comments	Some hoses showing signs of active leaks

Inspection Report (Wheel Loader)

Appearance of Hydraulic Lines /
Fittings Photos



Inspection Report (Wheel Loader)





Inspection Report (Wheel Loader)




Unusual Noises (Hydraulic Pump)	No
Hydraulic Pump Notes	No unusual noises heard during operation
External Controls / Levers	3
External Controls / Levers Condition	Good function & condition of hydraulic controls




Inspection Report (Wheel Loader)

External Controls / Levers Photos		
		

Hydraulics Cylinders Inspection Points

Lift Cylinder	Check the lift cylinder. Note any wear, pitting, discoloration, etc. Take photos.
Lift Cylinder: Mounting Pin	3
Lift Cylinder: Oil Leaks	No
Lift Cylinder Photos	

Inspection Report (Wheel Loader)

	
	
	
Bucket Cylinder	Check the bucket cylinder. Note any wear, pitting, discoloration, etc. Take photos.
Bucket Cylinder: Mounting Pin	3
Bucket Cylinder: Oil Leaks	Yes
Comments	L/S Bucket Cylinder leaking

Inspection Report (Wheel Loader)




Bucket Cylinder Photos



Inspection Report (Wheel Loader)





Inspection Report (Wheel Loader)

		
Steering Cylinder	Check the steering cylinder. Note any wear, pitting, discoloration, etc. Take photos.	
Steering Cylinder: Mounting Pin	3	
Steering Cylinder: Oil Leaks	Yes	
Comments	L/S Steer Cylinder seeping oil	
Steering Cylinder Photos		
		



Inspection Report (Wheel Loader)



Bucket Inspection Points

Bucket	3 - Normal Wear & Tear
Comments	8' wide r/s top of bucket bent back
Bucket Photos	
	

Inspection Report (Wheel Loader)

		
		
Bucket Edge/Shanks/Teeth	3 - Normal Wear & Tear	
Bucket Edge/Shanks/Teeth Photos		

Functional Test

Forward & Reverse	3 - Normal Wear & Tear	
Comments	Trans shifting to 3rd hard, 1st and second need mid throttle to move well	
Turning	3 - Normal Wear & Tear	
Comments	Hard turning felt to left,	
Lift / Tilt	3 - Normal Wear & Tear	



Inspection Report (Wheel Loader)

Bucket Functionality	3 - Normal Wear & Tear
Overall Functional Test Comments	Hard steering to left, transmission has knocking sound under upshifts
Operating Video	Click to Download

Overall Assessment

Overall Assessment	
Exterior Rating	3
Interior Rating	3
Safety Rating	3
Quality Rating	3
Functionality Rating	3
Overall Rating	3
What's Great About the Machine	Machine has been well maintained and tires recently replaced. Most hydraulic cylinders in good condition.
What Needs Work	Bucket cylinder needs to be resealed to avoid further leaks. Oil pan may be leaking. A few hydraulic hoses seeping out oil. Transmission should be further inspected to determine abnormal upshifts. Steering to left while moving forward abnormally more difficult than steering to right.
Date/Time	10-17-2022