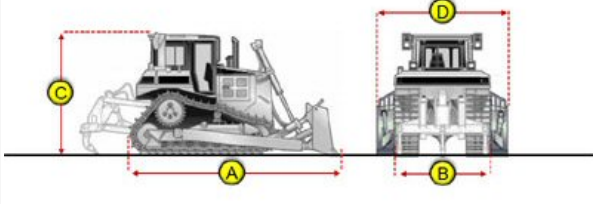


Inspection Report (Bulldozer)

General Info

Year	2008
Make	John Deere
Model	850JR
Serial Number	T0850JR160387
Hour Meter Reading	8,298 Hrs.
Previous Application (e.g., earth moving, mining, demolition, etc)	General Construction

Dimensions

Measurement Guide	
A. Length (ft and inches)	17'8" with blade.
B. Width (ft and inches)	8'5"
C. Height (ft and inches)	10'8"
D. Attachment Width (ft and inches)	11'10" with corner bits 11'5" without
Operational Weight (lbs)	45,420 Lbs.

Features and Configuration

Control Station Type	Cab
Blade	Yes
Blade Type	SU
Blade Specs	11'5" Blade width with rake attachment welded brackets and Welded Autograde Brackets
Ripper	No
Heat	Yes
A/C	No
Radio	Yes
Backup Camera	No
OMM (Operator & Maintenance Manual)	No
Grade Control	Yes
Telematics	No
Other Configuration Details / Notes	Trimble integrated system configured into machine (Not Tested)

Inspection Report (Bulldozer)

Exterior Walkaround Photos

Exterior 360 Walkaround

Exterior Walkaround Photos



Inspection Report (Bulldozer)



Inspection Report (Bulldozer)



General Appearance Inspection Points

General Appearance

Close-up Exterior Photos



Inspection Report (Bulldozer)



Inspection Report (Bulldozer)



Inspection Report (Bulldozer)



Inspection Report (Bulldozer)



Inspection Report (Bulldozer)






Inspection Report (Bulldozer)





Inspection Report (Bulldozer)



Inspection Report (Bulldozer)

	
	
	
Body Panels	3 - Normal Wear & Tear
Body Panel Condition	No visible damage, good paint condition and panel fitment, Other (see comments)
Comments	Left side engine panel missing hardware

Inspection Report (Bulldozer)

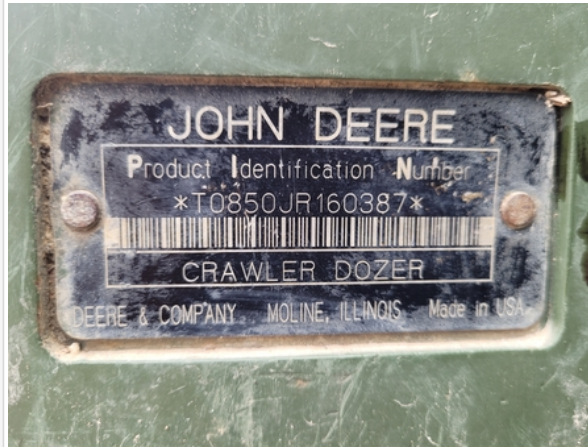
Body Panels Photos	 <p>850J</p> <p>Missing Hardware</p>
	
Doors / Canopy Latches	3 - Normal Wear & Tear
Doors / Canopy Latches Condition	No visible damage
Steps / Ladders	3 - Normal Wear & Tear
Steps / Ladders Condition	Steps/ladders are fully intact and appear structurally sound
Handrails	3 - Normal Wear & Tear
Handrails Condition	Handrails are fully intact and appear structurally sound
Glass	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

Inspection Report (Bulldozer)

Serial Number Plate Photo



Control Station Photos



Inspection Report (Bulldozer)



Inspection Report (Bulldozer)



Inspection Report (Bulldozer)



Inspection Report (Bulldozer)





Inspection Report (Bulldozer)





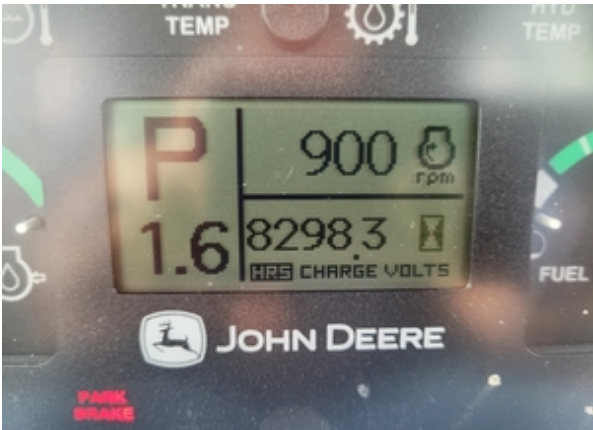
Inspection Report (Bulldozer)



Inspection Report (Bulldozer)

	
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	Air Conditioner Inop., Wipers inop., Cab could use a detail wash
Operator Seat	3 - Normal Wear & Tear
Operator Seat Condition	Seat(s) have minor surface staining or small tears, Seat(s) in good condition, no stains or tears in upholstery, Seat adjustment controls move through full range of travel, Seat belt secures properly, Seat belt is intact and in good condition, Other (see comments)
Operator Seat Photos	
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

Inspection Report (Bulldozer)



Cabin Lights Photos	
Safety Lock Out / Stop	3 - Normal Wear & Tear
Safety Lock Out / Stop Condition	Safety lock out device is present, in good condition, and functional
Safety Lock Out / Stop Photos	
Controls & Switches	3 - Normal Wear & Tear
Controls & Switches Condition	Switches have good functionality, minor cosmetic damage observed, One or more switches are inoperative or missing, Other (see comments)
Comments	Front and rear wipers not responding to switch (may or not be part of switch), Switch decals worn
Hour Meter Activity	3 - Normal Wear & Tear
Hour Meter Condition	Hour meter is functional and in good condition
Hour Meter Activity Photos	

Inspection Report (Bulldozer)

Other Gauge Activity	3 - Normal Wear & Tear
Other Gauge Condition	All cockpit gauges are functional and in good condition
Heater & A/C	2 - Above Average Wear
Heater & A/C Condition	Only heat functionality works
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 Type (Make, Model, Cylinders, Hp)	John Deere - 6090 - 6Cyl. - 200HP - 9.0L
Emissions Tier	Tier 3
Engine Serial Number	RG6090L058874
Engine Fuel Type	Diesel
Engine Photos	
	

Inspection Report (Bulldozer)



Inspection Report (Bulldozer)



Inspection Report (Bulldozer)



Inspection Report (Bulldozer)



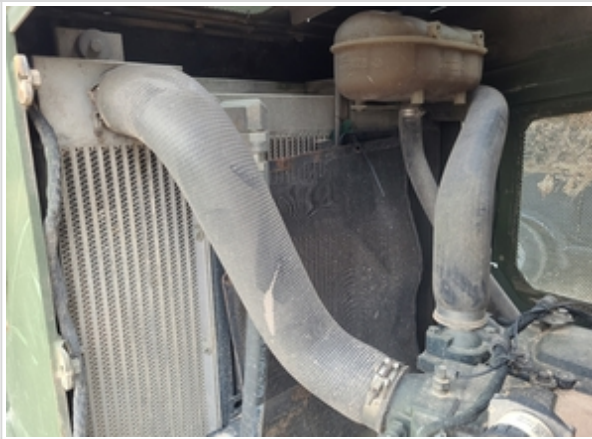
Inspection Report (Bulldozer)



Minor engine oil leak at mounted seal



Inspection Report (Bulldozer)



Inspection Report (Bulldozer)




Blow-by (Visual Observation Check)	Yes
Comments	Excessive blowby seen at engine breather hose
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
Engine Exhaust Color	Clear
Battery	2 - Above Average Wear
Battery Condition	Clean & dry appearance, tight connections, Needs charge or replacement
Comments	Batteries were low on charge during initial inspection
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




Inspection Report (Bulldozer)

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, Other (see comments)
Comments	Minor oil leaks seen at right side of engine
Oil Color / Appearance	3 - Normal Wear & Tear
Oil Color / Appearance Notes	Clean oil appearance, no signs of cross contamination, Appropriate oil level
Fuel Leaks	No
Equipped with DPF (Diesel Particulate Filter)	No
Requires DEF (Diesel Exhaust Fluid)	No
Overall Engine Appearance	Dusty & dry
Overall Engine Comments	Excessive blowby observed and further Engine Diag. Recommended.




Drivetrain Inspection Points

Transmission Info	Hydrostatic
Clutch	0
Transmission	3 - Normal Wear & Tear
Comments	Transmission travels well in all directions
Shift Lever	3 - Normal Wear & Tear
Shift Lever Photos	
Left Drive Motor	0
Left Final Drive	3 - Normal Wear & Tear
Comments	Did not view drive motors due to panels not being removed

Inspection Report (Bulldozer)




<p>Left Final Drive Photos</p>		
		
		

Inspection Report (Bulldozer)

		
Left High Drive	0	
Right Drive Motor	0	
Right Final Drive	3 - Normal Wear & Tear	
Comments	Did not view drive motors due to panels not being removed	
Right Final Drive Photos		
		
Right High Drive	0	
Overall Drivetrain Comments	Operationally, Drivetrain in good condition. Visually unable to inspect drive motors and hydrostatic pump.	

Undercarriage Inspection Points

Inspection Report (Bulldozer)

Undercarriage Overall Condition	3 - Normal Wear & Tear
Comments	Overall undercarriage worn below 40 percent, Tracks loose and track adjuster should be further inspected for proper operation. .
Undercarriage Overall Photos	
	
	




Inspection Report (Bulldozer)






Inspection Report (Bulldozer)






Inspection Report (Bulldozer)

		
		
		
Pin & Bushings	3 - Normal Wear & Tear	
Tracks	3 - Normal Wear & Tear	

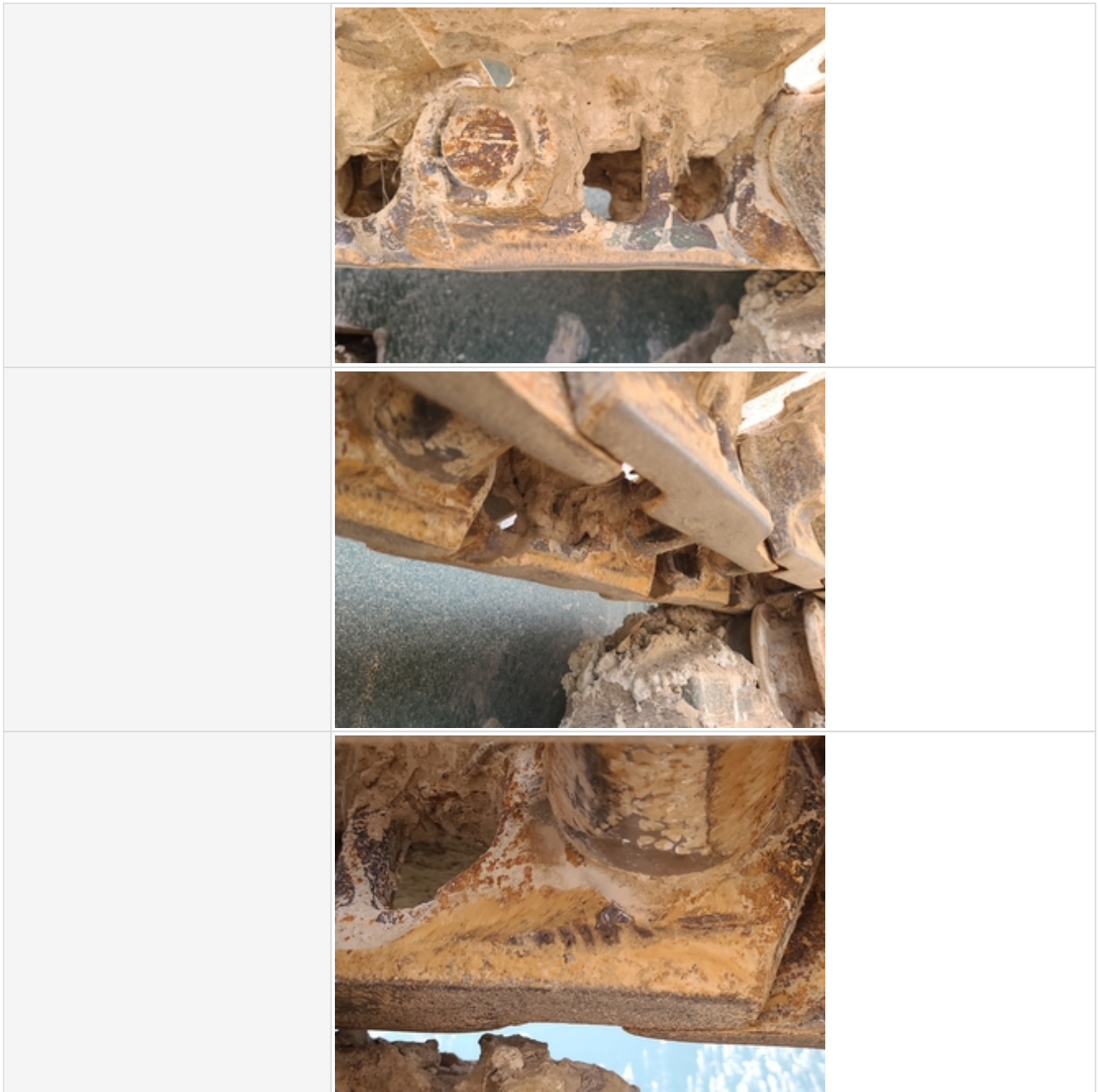
Inspection Report (Bulldozer)

Tracks Photos	
	
	
Left Side: Link Bushings / Drive Sprocket / Shoe Condition	3 - Normal Wear & Tear
Left Side: Upper & Lower Roller / Front Idler Condition	2 - Above Average Wear
Track Condition: Left Front	30%
Track Condition: Left Rear	30%

Inspection Report (Bulldozer)

Undercarriage Left Side Photo Instructions	<p>Take photos of the undercarriage of this piece of equipment.</p> <p>Must have shots to capture:</p> <ul style="list-style-type: none"> - Roller Frame (left) - Track Tensioner (left) - Track Pads (left) - Grouser Height (left) - Track Links (left) - Track Bushings (left) - Carrier Rollers (left) - Track Rollers (left) - Front Idler (left) - Rear Idler (left) - Sprocket (left)
Undercarriage Left Side Photos	
	
	

Inspection Report (Bulldozer)



Inspection Report (Bulldozer)






Inspection Report (Bulldozer)






Inspection Report (Bulldozer)



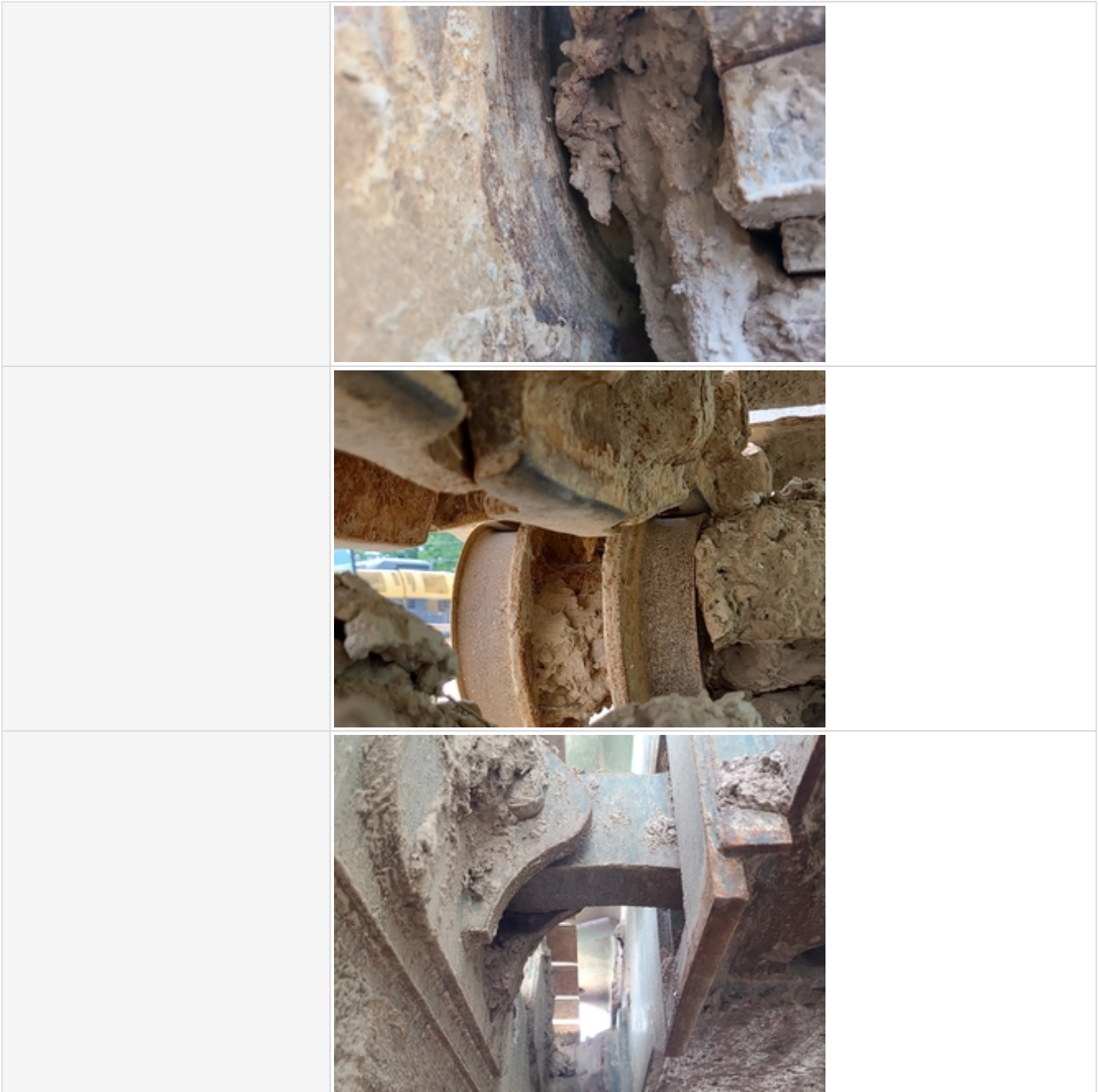
Inspection Report (Bulldozer)

		
		
		
Right Side: Link Bushings / Drive Sprocket / Shoe Condition	3 - Normal Wear & Tear	
Right Side: Upper & Lower Roller / Front Idler Condition	2 - Above Average Wear	
Track Condition: Right Front	30%	
Track Condition: Right Rear	30%	

Inspection Report (Bulldozer)

Undercarriage Right Side Photo Instructions	<p>Take photos of the undercarriage of this piece of equipment.</p> <p>Must have shots to capture:</p> <ul style="list-style-type: none"> - Roller Frame (right) - Track Tensioner (right) - Track Pads (right) - Grouser Height (right) - Track Links (right) - Track Bushings (right) - Carrier Rollers (right) - Track Rollers (right) - Front Idler (right) - Rear Idler (right) - Sprocket (right)
Undercarriage Right Side Photos	
	
	

Inspection Report (Bulldozer)






Inspection Report (Bulldozer)



Inspection Report (Bulldozer)



Inspection Report (Bulldozer)

Chassis Inspection Points

Push Arm / C-Frame Condition	2 - Above Average Wear
Comments	Bushing/Bearing that connects to front blade worn and have improper mounting pins

Inspection Report (Bulldozer)

Push Arm / C-Frame Photos



Left side blade bracket has improper retaining hardware



Inspection Report (Bulldozer)



Inspection Report (Bulldozer)



Right side arm retaining pin incorrect and bearing missing



Inspection Report (Bulldozer)






Recommend further inspection at all blade to arm connections for excess play.




Inspection Report (Bulldozer)



Inspection Report (Bulldozer)

		
		
<p>Push Arm Pivot / C-Frame Trunnions Condition</p>	<p>3 - Normal Wear & Tear</p>	
<p>Comments</p>	<p>Rear trunnion caps recently replaced and look to be in good condition</p>	
<p>Push Arm Pivot / C-Frame Trunnions Photos</p>		

Inspection Report (Bulldozer)

		
		
		
<p>Tilt Linkage Pin & Bushings</p>	<p>3 - Normal Wear & Tear</p>	

Inspection Report (Bulldozer)

Tilt Linkage Pin & Bushings
Photos



R/S Arm Bearing missing




Inspection Report (Bulldozer)



Inspection Report (Bulldozer)






Inspection Report (Bulldozer)

		
Angle Linkage Pin & Bushings	3 - Normal Wear & Tear	
Blade Trunnions / Bushings	3 - Normal Wear & Tear	
Blade Trunnions / Bushings Photos		
		




Inspection Report (Bulldozer)



Inspection Report (Bulldozer)

		
		
		
<p>Frame Condition</p>	<p>3 - Normal Wear & Tear</p>	

Inspection Report (Bulldozer)

<p>Frame Photos</p>	
	
	




Inspection Report (Bulldozer)




Inspection Report (Bulldozer)



Inspection Report (Bulldozer)


		
<p>Belly Pans</p>	<p>3 - Normal Wear & Tear</p>	
<p>Belly Pans Photos</p>		
		

Inspection Report (Bulldozer)

		
Overall Chassis	Oil leaking out of belly pan from center of machine.	
Overall Chassis Comments	3 - Normal Wear & Tear Overall Main Frame in good shape, but Blade push arm bores and bushings worn and should be further inspected.	

Hydraulics Overall Inspection Points

Hydraulics Overall

Hydraulic System	Take close-up photos of the hydraulic components including the pump, lines, fittings, controls, and levers. Note any damage, wear, or leaks.	
Hydraulic System Photos		
		

Inspection Report (Bulldozer)



Inspection Report (Bulldozer)



Inspection Report (Bulldozer)



Possible small leak at hydraulic hose





Inspection Report (Bulldozer)



Trimble control unit installed (Not Tested)




Inspection Report (Bulldozer)

	
	 <p>Active Oil leak seen dripping from bottom belly pan. May be Engine or Hydraulic Oil. Further inspection recommended.</p>
Wet or Damp Hydraulic Lines / Fittings	Yes
Appearance of Hydraulic Lines / Fittings	3 - Normal Wear & Tear
Hydraulic Lines / Fittings Condition	Other (see comments)
Comments	Signs of hydraulic leaks observed around right side of Cab hydraulic filter area and beneath bellypans
Unusual Noises (Hydraulic Pump)	No
Hydraulic Pump Notes	No unusual noises heard during operation
Comments	Pumps and drive motors underneath cab not inspected. Visually unaware of conditions of hydraulic system underneath cab.




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



Inspection Report (Bulldozer)

<p>Lift Cylinder Photos</p>		
		
		


Inspection Report (Bulldozer)

	
	
	
Tilt Cylinder	Check the tilt cylinder. Note any wear, pitting, discoloration, etc. Take photos.
Tilt Cylinder: Mounting Pin	3
Tilt Cylinder: Oil Leaks	Yes
Comments	Active leak seen at rod seal

Inspection Report (Bulldozer)

Tilt Cylinder Photos	
	
Angle Cylinder	Check the angle cylinder. Note any wear, pitting, discoloration, etc. Take photos.
Ripper	Check the ripper cylinders. Note any wear, pitting, discoloration, etc. Take photos.
Ripper Cylinder: Mounting Pin	0

Blade Inspection Points

Blade Condition	3 - Normal Wear & Tear
Blade Photos	




Inspection Report (Bulldozer)



Inspection Report (Bulldozer)



Inspection Report (Bulldozer)

		
Blade Edge	3 - Normal Wear & Tear	
Blade Edge Photos		
		

Ripper Inspection Points

Ripper Condition	0
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Functional Test

Forward & Reverse	3 - Normal, Operating as Expected
Lift / Angle / Tilt	3 - Normal, Operating as Expected
Blade Functionality	3 - Normal, Operating as Expected
Ripper Functionality	0

Inspection Report (Bulldozer)

Overall Functional Test Comments	Breather Hose shown is engine blowby
Operating Video	Click to Download
Additional Video	Click to Download
Additional Video	Click to Download

Inspection Summary

Overall Assessment

Exterior Rating	3 - Normal Wear & Tear
Interior Rating	3 - Normal Wear & Tear
Safety Rating	3 - Normal Wear & Tear
Quality Rating	2 - Above Average Wear
Functionality Rating	2 - Operable, but Diagnosis Needed
Overall Rating	2 - Above Average Wear
What's Great About the Machine	Machine front blade has rake and Autograde brackets installed. All main hydraulic/hydrostatic functions operating with no obvious issues. Exterior and interior in good condition.
What Needs Work	Engine should be further inspected for excessive blowby observed. Blade push arm excess play seen at bores and should be further inspected for proper repairs. Undercarriage below 40% and will need to be replaced or repaired soon. Oil leaks present.
Date/Time	04-26-2023