

Location: Boom and Bucket

Truck and Equipment Consulting, LLC – BULLDOZER INSPECTION CHECKLIST

Date
(Y/M/D) 4/12/2023

Inspector
Initials M.S.

(Basic Information)	
(Manufacturer)	John Deere
(Model Number)	850C LT Series II
(Serial Number)	T0850CX913116
(Year of Manufacturing)	2003
(Hour Meter Reading)	15,758.3 Hrs
(Engine model / Specs)	JohnDeere 6081A 8.1L 185Hp I6 TurboD
(Hydraulic Relief Pressure)	2250 psi
(Transmission)	Hydrostatic
(Hydraulic System)	27 gal

Specification and Dimensions	
Serial Plate/Frame Inscription	T0850CX913116
Cabin+Canopy (Circle)	Cabin
EPA Certificate / Permits Posted	EROPS / EFOPS
Air Conditioning	A/C + Heat / working
No.of Shoes/Track Rollers	40 (per side) / 7 track rollers (per side)
Shoe Size/Track Length	24 in / 74 in
Oil/Coolant/Hydraulic Capacities	Eng Oil=34 qt/ Coolant=9 gal/Hydraulic Tank=21 gal
Blade Capacity	5.15 yd3
Blade Weight	2953 lbs
Ripper	Vail 3 Shank s/n H03158

- A (Near to Brand New or Excellent Condition)
 B (A little Wear and Good Condition)
 C (Fair Workable Condition for Hour Meter Reading)
 D (Workable but minor repair is required)
 E (Workable but major repair is required)

	(Check List)					(Remarks)
	A	B	C	D	E	
GENERAL APPEARANCE	(General Appearance-Front)	X				Level stance, Good appearance, Minor paint cosmetics, No damage seen
	(General Appearance-Rear)	X				Good appearance, Minor paint wear 1 Ripper hose+fitting dried seepage
	(General Appearance-Right)	X				Good appearance, Minor paint wear, scratches+scrapes No Panel Damage
	(General Appearance-Left)	X				Good appearance, Minor surface scratches+scrapes No Panel Damage
	(General Appearance-Upper)	X				Good ROPS structure, Cabin+glass Good appearance No damage
	(Major / Minor Surface Rust)	X				Some surface rust cosmetics No rust damage lower sections paint wear
	(Body Panel Rust Damage / Cancer)	X				No panel damage No rust damage
	(Visible Weld Repairs / Stress Cracks)	X				No weld repairs seen
	(Glass Condition)	X				Glass Good Condition No cracks No chips No scratches
	(Chassis / Undercarriage Damage)	X				Underside panels Good fitment No gaps Frame Good No damage
OPERATOR'S COCKPIT	(Operator Cabin)		X			Areas of wear+tear, floor covering+some panels worn+damaged
	(Operator Controls and Switches)	X				Complete Good Appearance No broken or missing switches or controls
	(Hour Meter Activity)	X				Working
	(Other Gauge Activity)	X				Gauges Good Function
	(Door / Canopy Latches)	X				Latches Good Function
	(Safety – Horn / First Aid Kit)	X				Working
	(Operator Seat Condition)	X				Seat Good Condition
	(Safety – Seat Belts / Fire Extinguisher)	X				Yes
E N G I N E	(Oil Color / Fluid Appearance / Particulates or Granuales)	X				Oil Good Appearance Clean No blow by seen No unusual smells or smoke
	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)	X				No unusual noises at startup or shutdown Easy start Smooth Idle
	(Engine Exhaust Color – White / Blue / Black / Clear)	X				Clear at startup Stays clear No blow by seen
	(Oil Leaks)	X				No active leaks seen
	(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)	X				No smoke issues
	(Coolant Color / Fluid Appearance)	X				Normal Appearance
	(Water Pump Noises / Damp Hoses / Coolant Leaks)	X				No pump noises No coolant leaks or stains
	(Coolant Leaks from Radiator)	X				No active leaks No stains or discoloration
	(Overall Engine Appearance Clean / Wet / Dry)	X				Clean and Dry
HYDRAULICS OVERALL	(Overall appearance of Hydraulic lines/fittings – worn/cracked)	X	X			Good to Above Average appearance of hoses, lines, fittings
	(Hydraulic Pump Sounds / Noises)	X				No unusual noises
	(Wet or Damp hydraulic lines and fittings / fluid leaks)	X	X			Minor areas of dried seepage fitting behind blade, hose+fitting back ripper
	(External Controls / Levers Condition)	X				Good appearance
	(Hydraulics Service Records / Maintenance History)					not provided

ELECTRICAL	(Lighting System Condition)		X				Working
	(Reverse Alarm / Backup Signal)		X				Working
	(Battery Condition)		X				Good Appearance
	(Other Electric Device Condition)		X				Good electronic functionality
B R A K E S	(Foot Brake)		X				Good brake pedal and function
	(Inching Brake Functional & Working Condition)		X				Good brake performance
	(Parking Brake)		X				Good
	(Other Remarks)		X				Good brake performance
TRANSMISSION	(Clutch Noise / Function)		X				No unusual noises Good forward and reverse responses No vibrations
	(Transmission Noise / Function)		X				Good function and performance
	(Shift Lever Condition & Function)		X				Good shifter function forward and reverse No unusual noise or vibrations
	(Other Remarks)		X				Good transmission function and performance
HYDRAULICS CYLINDERS	(Lift)	(Oil Leak from Cylinder)	X				No pitting or discoloration on rams No active leaks or dampness seen
		(Mounting Pin Condition)	X	X			Good appearance for age and hours No damage or excess wear
	(Tilt)	(Oil Leak from Cylinder)	X				No pitting or discoloration on rams No active leaks or dampness seen
		(Mounting Pin Condition)	X	X			Good appearance for age and hours No damage or excess wear
	(Angle)	(Oil Leak from Cylinder)	X				No pitting or discoloration or hydraulic pistons
		(Mounting Pin Condition)	X	X			Good appearance
	Ripper		X				3 Shank Ripper Some minor wear+tear No damage Good function
	(Other Remarks)		X				
C H A S S I S & COMPONENT	Undercarriage Appearance		X	X			Good-Above average Surface wear on lower track rollers, links+pins
	Right Side Drive Sprocket/Link Bush/Shoe		X	X			Sprockets Good Minimal Surface wear on lower track rollers, links+pins
	Left Side Drive Sprocket/Link Bush/Shoe		X	X			Sprockets Good Minimal Surface wear on lower track rollers, links+pins
	Right Side Front Idler/Upper and Lower Roller		X	X			Idler Good appearance Surface wear on lower track rollers, links+pins
	Left Side Front Idler/Upper and Lower Roller		X	X			Idler Good appearance Surface wear on lower track rollers, links+pins
	Track Condition		X	X			No damage to shoes Good appearance Minimal grouser corner wear seen
	Operation	Forward	Steering/Brakes/Clutch		X		Good Forward travel+hydraulics
			Lift/Tilt/Angle		X		Good Lift Tilt and Angle
		Reverse	Steering/Brakes/Clutch		X		Good Reverse travel+hydraulics
			Lift/Tilt/Angle		X		Good Lift Tilt and Angle
	Other Comments		X				Very little noise from tracks
	(Blade Edge)		X				Blade Edge Good appearance
	(Blade Overall Condition)		X				Blade and hydraulic components Good appearance Surface cosmetics only
	(Ripper Overall Condition)		X				Shanks Good appearance No damage seen Normal cosmetics
	(Other Remarks)		X				Ripper Good appearance No damage seen Good functionality

OVERALL EXTERIOR RATING: B QUALITY: B / B-
OVERALL INTERIOR RATING: B-/C+ SAFETY: B
OVERALL PERFORMANCE: B FUNCTIONALITY: B
OVERALL EVALUTAION GRADE: = B / B-

DIMENSIONS:
Length: 207 inch
Width: 146 inch
Height: 124 inch
Weight: 42,418 lbs

*A:Remaining Ratio 90% or more
*B:Remaining Ratio 70% or more
*C:Remaining Ratio 50% or more
*D:Remaining Ratio 20% or more
*E:Remaining Ratio 20% or less