

Location: SOS Well Service
La Barge, WY

TRUCK AND EQUIPMENT CONSULTING LLC – EXCAVATOR CHECKLIST (STANDARD)

Date (Y/M/D) 4/2/2024
 Inspector Initials B.B.

(Basic Information)	
(Manufacturer)	John Deere
(Model Number)	210G LC
(Serial Number)	1FF210GXCEE522081
(Year of Manufacturing)	2014
(Hour Meter Reading)	3783.5 Hrs (Total)/3137.7 Hrs (Operating)
(Engine Model)	John Deere Powertech 6.8L 159Hp net I6 Turbo
(Transmission)	2 Spd AutoShift
(Operating Weight)	50,463 lbs

Specification and Dimensions	
Serial Plate/Frame Inscription	1FF210GXCEE522081
Cabin* Canopy (Circle)	Cabin
EPA Certificate / Permits Posted	ROPS / FOPS
Window Venting / Air Conditioning	A/C
Shoes	32 inch
(Track Gauge/No. of Shoes)	7 Ft 10 in gauge width / 49 shoes (per side)
Hydraulic Relief Pressure	4980 psi / (PowerBoost =5511 psi)
Hydraulic Fluid/Engine Oil/Coolant	Hydr Tank=35.7 gal/Eng Oil=22 qt/Coolant=32.2 qt
Track Rollers/Carrier Rollers (per side)	8 Track Rollers / 2 Carrier Rollers (per side)
Arm Length/Bucket	9 Ft 7 in arm / GP 42 in 1.19yd3 bucket est
Other	Hydraulic System =63.4 gal, 9370 lbs counterweight Quick Coupler, Hydraulic Thumb w/JIB Controller

- 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				Good front panel+gaps Level stance, No damage seen Good Appearance
	(General Appearance-Rear)		X	X			Counterweight scrapes and some bottom surface rust cosmetics
	(General Appearance-Right)		X				Good appearance No Damage
	(General Appearance-Left)		X				Good appearance No Damage
	(General Appearance-Upper)		X	X			Underside boom+stick panels deep scrapes Surface cosmetic wear+tear
	(Major / Minor Surface Rust)		X				Minimal surface rust cosmetics on rollers, bottom of counterweight
	(Body Panels / Covers – Rust Damage / Cancer)		X				No rust damage No panel damage
	(Visible Weld Repairs / Stress Cracks)		X				None seen
	(Glass Condition)		X				Good Glass
	(Chassis / Undercarriage Damage)		X	X			Good appearance belly panels+gaps Some dried seepage on circle gear
OPERATOR'S COCKPIT	(Operator Cabin)		X				Good appearance Solid floors Complete Good panels No damage
	(Operator Controls and Switches)		X				Complete + Good Functionality Good Condition
	(Hour Meter Activity)		X				Working
	(Other Gauge Activity)		X				No error codes All menus working Clear LCD Display Good function
	(Door / Canopy Latches)		X				Good Function door + cover latches
	(Safety – Horn / First Aid Kit)		X				Working
	(Operator Seat Condition)		X				Good Seat Condition No damage a couple dirt stains
ENGINE	(Safety – Seat Belts / Fire Extinguisher)		X				Yes
	(Oil Color / Fluid Appearance / Particulates or Granuales)		X				Clean Oil Appearance No unusual smell or color No Blow-By
	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)		X				Easy start No unusual noises at start up Good idle
	(Engine Exhaust Color – White / Blue / Black / Clear)		X				Clear at startup Clear at idle Clear at Operating Temp
	(Oil Leaks)		X				No active oil leaks or puddles or drips
	(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)		X				No smoke issues during operations
	(Coolant Color / Fluid Appearance)		X				Normal coolant appearance
	(Water Pump Noises / Damp Hoses / Coolant Leaks)		X				No cooling system noises or radiator leaks seen
	(Coolant Leaks from Radiator)		X				None seen
(Overall Engine Appearance Clean / Wet / Dry)		X				Good appearance Clean and Dry	
HYDRAULICS OVERALL	(Overall appearance of Hydraulic lines/fittings – worn/cracked)		X				Good appearance No cracked lines No fraying Dry and Clean
	(Hydraulic Pump Sounds / Noises)		X				No unusual noises under load or at pressure
	(Wet or Damp hydraulic lines and fittings / fluid leaks)				X		Dried seepages upper+lower hydraulic cylinders + rams, See Photos
	(External Controls / Levers Condition)		X				Complete Good function
	(Hydraulics Service Records / Maintenance History)		X				Filters Labeled 5/1/2023 @ 3593.6 Hrs

ELECTRICAL	(Lighting System Condition)		X			Lights Working
	(Reverse Alarm / Backup Signal)		X			Reverse alarm Working
	(Battery Condition)		X			Battery Good Appearance
	(Other Electric Device Condition)		X			Wipers, A/C working
SWING TABLE	Swivel Bearing Condition		X			Good 360 rotation both direction No vibrations No grinding noises
	Swivel Motor Condition		X			Good performance
	Swivel Joint Condition		X			Good appearance
	(Other Remarks)		X			Good Functionality + Performance
TRANSMISSION	(Clutch Noise / Function)		X			No clutch vibration or noises
	(Transmission Noise / Function)		X			No whining between gears Good Function
	(Shift Lever Condition & Function)		X			Good shifter functionality
	(Other Remarks)		X			Good performance + functionality
HYDRAULICS CYLINDERS	BOOM	(Oil Leak from Cylinder)		X		Areas of dried seepages on upper and lower cylinders See Photos
		(Mounting Pin Condition)		X		Panel discoloration and dried seepages on pins See Photos
	DIPPER	(Oil Leak from Cylinder)		X		Areas of dried seepages on upper and lower cylinders See Photos
		(Mounting Pin Condition)		X		Panel discoloration and dried seepages on pins See Photos
	BUCKET	(Oil Leak from Cylinder)		X		Areas of dried seepages on upper and lower cylinders See Photos
		(Mounting Pin Condition)		X		Panel discoloration and dried seepages on pins See Photos
CRAWLER & WHEEL ASSEMBLIES	(Transom / Boom / Arm Function / Noise)		X			No unusual noises Good Functionality + Performance
	(Slack in Pins / Loose Pins / Soft Bushings)		X			No squeaking or unusual noises
	LEFT SIDE Link Bush / Drive Sprocket		X			Above Average Appearance Some surface rust+wear Normal for hours
	RIGHT SIDE Link Bush / Drive Sprocket		X			Above Average Appearance Some surface rust+wear Normal for hours
	LEFT SIDE Upper & Lower Roller / Front Idler Condition		X			Above Average Appearance Some surface rust+wear Normal for hours
	RIGHT SIDE Upper & Lower Roller / Front Idler Condition		X			Above Average Appearance Some surface rust+wear Normal for hours
	(Track Condition)		X			Track Grousers Above Average No dips seen Links some normal wear
	(Bucket Edge)		X			Good appearance No dents No cracks No chips
	(Bucket Bottom / Reinforced / Plate Condition)		X			No rust No damage to bucket seen
	(Bucket Link Condition)		X			Good appearance
BUCKET	(Side Cutter Condition)		X			Good
	(Tooth Condition)		X			Good appearance all deflectors
	(Bucket Cylinder)		X			Good appearance
	(Thumb Function)		X			Good Hydraulic Thumb function and performance
BRAKES	(Bucket Articulation)		X			Good performance and functionality
	Other Comments		X			Good Bucket Hydraulic Function No material excavated
	(Foot Brake)		X			Good brake function
	(Inching Brake)		X			Good
UNDERSIDE PANELS	(Parking Brake)		X			Good
	Front Panel		X			Good front belly panels No damage No panel separation
	Rear Panels		X			No damage No panel separation
	Center Panels		X			No damage No panel separation
Undercarriage APPEARANCE	Spring Condition		X			Good spring appearance
	FORWARD & REVERSE		X			Good Forward and Reverse Function
	SWING TABLE ROTATION		X			No Noises Good 360 both direction
	BOOM LIFT / ANGLE / TILT		X			Good boom function and travel
OPERATION	OVERALL FUNCTIONALITY		X			Good Functionality
	OVERALL VISUAL INSPECTION		X			Good Appearance Some wear+tear cosmetics counterwt, underside boom
	COMMENTS		X	X		Areas of thick dried seepages on hydraulic pistons, rams, pins See photos
	OVERALL PERFORMANCE INSPECTION		X			Good performance and functionality
COMMENTS		X			Good overall performance	

OVERALL EXTERIOR RATING: B/B- QUALITY: B-/C+
OVERALL INTERIOR RATING: B SAFETY: B
OVERALL PERFORMANCE: B FUNCTIONALITY: B
OVERALL EVALUATION GRADE: B-
FLUID SAMPLE REQUEST (Y/N) _n_ OIL _n_ COOLANT _n_

TRANSPORT DIMENSIONS: (reff only)

Length: 32 Ft
Width: 10 Ft 2 in
Height: 10 Ft 5 in
Weight: 50,463 lbs 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