

Location: William Giampaolo
Midland N.C.

TRUCK AND EQUIPMENT CONSULTING LLC – LOADER BACKHOE CHECKLIST

Date 10/28/2022
 (Y/M/D)

INSPECTOR S.C.
 INITIALS

(Basic Information)	
(Manufacturer)	Case
(Model Number)	580 N
(Serial Number/PIN)	JJGN580NKDC581144
(Year of Manufacturing)	2013
(Hour Meter Reading)	3284.9 HRS
(Engine Model)	TIER IV Fiat F5BFL413C I4 3.4L 83Hp net TurboD
(Transmission)	PowerShuttle 4 Fwrd + 4 Rev
(Loader Lift Capacity)	7044 lbs
(Final Drive 2WD/4WD)	4WD

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

Specification and Dimensions	
Serial Plate/Frame Inscription	JJGN580NKDC581144
Cabin+Canopy (Circle)	Enclosed Cab Single door
EPA Certificate / Permits Posted	EROPS / EFOPS
Loader Bucket/Capacity	82 in bucket / 1.03 yd3 (est)
Hydraulic/Eng Oil/Coolant Capacities	Hyd Sys=132 qt/Eng Oil=14.4 qt/Coolant=19 qt
Size of tire	Otani 17.5L-24 rear / Otani 305/70D 16.5 front
Hydraulic Relief	3450 psi
Backhoe Max Reach/Height	24 in Universal / 25 Ft 5 in / 13 Ft 3 in
Air Con/Window Venting	A/C and Heat (working)
Auxillary Hydraulics	No
Other	Hydraulic Outriggers, AM/FM Weatherband

		(Check List)					(Remarks)
		A	B	C	D	E	
GENERAL APPEARANCE	(General Appearance-Front)		X				Good appearance pins, hydraulics, loader bucket, Good panels No damage
	(General Appearance-Rear)		X	X			Good appearance, lower grille corner cracked, backhoe underside dents
	(General Appearance-Right)		X				Right Good panel fitment+panel gaps Some repaint over rust battery box
	(General Appearance-Left)		X				Left Good panel fitment + good panel gaps No damage Good appearance
	(General Appearance-Upper)		X				Cab roof, Hood, upper panel surfaces, Good appearance No damage
	(Major / Minor Surface Rust)		X	X			Some repaint over rust outside battery box, some rust on turbo housing
	(Body Panel Rust Damage / Cancer)		X	X			Some repaint over precancer outer battery box panel
	(Visible Weld Repairs / Stress Cracks)		X				No weld repairs No stress cracks seen
	(Glass Condition)		X				Good Glass
	(Chassis / Undercarriage Damage)		X				Good chassis and frame appearance No damage Dry appearance
OPERATOR'S COCKPIT	(Operator Cabin)		X				Straight+complete Solid floors Good steering wheel Good appearance
	(Operator Controls and Switches)		X				Complete No damage Good Appearance and function
	(Hour Meter Activity)		X				Working
	(Other Gauge Activity)		X				All Gauges Working
	(Door / Canopy Latches)		X				Single Door Good function, Hood latch and panel latches Good function
	(Safety - Horn / First Aid Kit)		X				Working
	(Operator Seat Condition)		X				Good seat condition Some minor discoloration
	(Safety - Seat Belts / Fire Extinguisher)		X				yes
ENGINE	(Oil Color / Fluid Appearance / Particulates or Granuales)		X				Clean + Good appearance No unusual smells or blow by seen
	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)		X				No unusual noises at start up Good Idle No noise at shutdown
	(Engine Exhaust Color - White / Blue / Black / Clear)		X				Clear + Clear at operating temp
	(Oil Leaks)		X				No active engine oil leaks seen
	(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)		X				No smoke issues
	(Coolant Color / Fluid Appearance)		X				Good coolant appearance
	(Water Pump Noises / Damp Hoses / Coolant Leaks)		X				None seen
	(Coolant Leaks from Radiator)		X				None seen
	(Overall Engine Appearance Clean / Wet / Dry)		X				Clean and Dry engine appearance No dried seepages Some rust on turbo
HYDRAULICS OVERALL	(Overall appearance of Hydraulic lines/fittings - worn/cracked)		X	X			Hoses+fitting Good appearance Underside backhoe cylinder dried seepage
	(Hydraulic Pump Sounds / Noises)		X				No unusual noises or vibrations under load
	Wet or Damp hydraulic lines and fittings / fluid leaks)		X	X			1 drip of fluid seen running down side of backhoe from pin see photos
	(External Controls / Levers Condition)		X				Good condition
	(Hydraulics Service Records / Maintenance History)						not marked

ELECTRICAL	(Lighting System Condition)		X				Working	
	(Reverse Alarm / Backup Signal)		X				Working	
	(Battery Condition)		X				Batterys Good dry appearance some dust only	
	(Outrigger Controls)		X				Good Function Good pads on outriggers	
B R A K E S	(Foot Brake)		X				Good Brake Function	
	(Inching Brake Functional & Working Condition)		X				Good	
	(Parking Brake)		X				Working	
	(Other Remarks)		X				Good Brake Function	
TRANSMISSION	(Clutch Noise / Function)		X				Smooth function No noises No vibrations	
	(Transmission Noise / Function)		X				No noises or banging Good Forward and Reverse Travel	
	(Shift Lever Condition & Function)		X				Good shifter appearance	
	(Other Remarks)		X				Transmission Good Performance	
HYDRAULICS CYLINDERS	Loader	(Oil Leak from Cylinder)		X			No active leaks or seepages seen Good appearance cylinders+pistons	
		(Mounting Pin Condition)		X			No damage Good appearance of pins	
	Backhoe	(Oil Leak from Cylinder)		X	X		Some dried seepage seen underside hydraulic piston	
		(Mounting Pin Condition)		X	X		1 drip of fluid seen running down side of backhoe from pin see photos	
	Steering	(Oil Leak from Cylinder)		X			Good appearance cylinders+pistons No pitting or discoloration	
		(Mounting Pin Condition)		X			No damage Good appearance of pins	
Outriggers	(Other Remarks)		X			Good appearance cylinders+pistons Outrigger Pads Good Appearance		
Bucket	(Other Remarks)		X			Good Bucket Response Up and Down		
C H A S S I S & COMPONENT	(Transom / Boom / Arm Function / Noise)		X				No unusual noises Good Function	
	(Slack in Pins / Loose Pins / Soft Bushings)		X				No excess slack or vibration noises	
	(Level stance and alignment)		X				Yes	
	(Front Axle Appearance)		X				Clean and Dry appearance No rust No dried seepages	
	(Rear Axle Appearance)		X				Clean and Dry appearance No rust No dried seepages	
	(Center Pin Appearance)		X				Good appearance No damage seen	
	(Wheel Condition)	(Front)	Remaining Ratio Of Right *(A)to(E)	X				R F Tire =B Good appearance
			Remaining Ratio Of Left *(A)to(E)	X				L F Tire =B Good appearance
		(Rear)	Remaining Ratio Of Right *(A)to(E)	X				R R Tire =B Good appearance
			Remaining Ratio Of Left *(A)to(E)	X				L R Tire =B Good appearance
(Tread Condition)		X				No sidewall damage seen Front Tread =B / Rear Tread = B		
LOADER	(Bucket Appearance)		X				Good Bucket and Edge No dents No dings	
	(Bucket Condition)		X				Good	
	(Arm/Link Condition)		X				Good appearance and Good loader function	
	(Other Remarks)		X				Good condition	
BACKHOE	(Bucket Appearance)		X				Good appearancc backhoe bucket+function	
	(Bucket Condition)		X				No damage Good appearance	
	(Arm/Link Condition)		X	X			Good appearance Some dried seepages underside hydraulic, drip of fluid	
	(Other Remarks)		X				Good Side to Side Right + Left lateral function	

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

DIMENSIONS: (shipping reference)
Length: 23 Ft 5 in
Width: 6 Ft 10 in
Height: 10 Ft 8 in
Weight: 15,132 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

use (A)90% to (E) 20%