

Location: Boom and Bucket

TRUCK AND EQUIPMENT CONSULTING LLC – WHEEL LOADER CHECKLIST (REQUIRED)Date
(Y/M/D) 4/18/2023Inspector
Initials A.B.

(Basic Information)	
(Manufacturer)	Case
(Model Number)	821B
(Serial Number)	JEE00560004
(Year of Manufacturing)	1998
(Hour Meter Reading)	10413.6 Hrs
(Transmission)	PowerShift 4 Fwrd + 3 Rev
(Engine Model)	CASE 6T-830 8.2L I6 185Hp TurboDiesel
(Operating Weight)	37,040 lbs
(Tipping Load)	23,865 lbs

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)

Specification and Dimensions	
Serial Plate/Frame Inscription	JEE0056004
Cabin+Canopy (Circle)	Enclosed Cab
EPA Certificate / Permits Posted	Cert ROPS / FOPS
Window Venting / A/C	A/C
Fluid Capacities	Hyd Tank=39.8 gal/Eng Oil=22 qt/Coolant=33.9 qt
Size of tire	Galaxy 23.5-25 E-3/L-3
Attachment	(2) Sets of Forks + Bucket 9.1 Ft width / 3.3 yd3
Hydraulic System/Relief	System =46 gal / System Relief =2810 psi
Wheelbase	10 Ft 5 in
Counterweight	5400 lbs

(Check List)		A	B	C	D	E	(Remarks)
GENERAL APPEARANCE	(General Appearance-Front)			X	X		Areas of dried seepages, wet hydraulics, heavy pin wear+tear
	(General Appearance-Rear)				X		Rear Grille missing, heavy wear+tear cosmetics
	(General Appearance-Right)		X	X			Good appearance right side panels+gaps No damage
	(General Appearance-Left)		X	X			Good appearance left side panels+gaps No damage
	(General Appearance-Upper)			X			Roof, hood upper cab cosmetics Exhaust stack rust cancer
	(Major / Minor Surface Rust)		X	X			Hubs rusty, Stack rust cancer, surface rust cosmetics forks+carriage
	(Body Panel Rust Damage / Cancer)		X	X			No panel damage or rust damage except for stack
	(Visible Weld Repairs / Stress Cracks)		X				None seen
	(Glass Condition)		X	X			Good glass 1 rear view mirror lense missing
	(Chassis / Undercarriage Damage)		X				Chassis Good appearance No damage seen
OPERATOR'S COCKPIT	(Operator Cabin)			X	X		Heavy wear+tear, floor covers, inner door panels+weatherstripping damage
	(Operator Controls and Switches)			X			Controls and Switches Working Worn Appearance
	(Hour Meter Activity)			X			Working LCD characters worn
	(Other Gauge Activity)			X	X		Analog Gauges Work System Control Panel indicators not visible
	(Door / Canopy Latches)		X				Good function
	(Safety – Horn / First Aid Kit)		X				Working
	(Operator Seat Condition)			X			Seat Above Average
	(Safety – Seat Belts / Fire Extinguisher)		X				Yes
ENGINE	(Oil Color / Fluid Appearance / Particulates or Granules)		X	X			Normal appearance
	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)		X	X			Easy Start Up , Smooth Idle , Easy Shut down
	(Engine Exhaust Color – White / Blue / Black / Clear)			X			Thick and heavy black smoke at startup Turns Clear
	(Oil Leaks)			X	X		Engine wet+oily Dried seepages caked on engine
	(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)			X			Thick and heavy black smoke at startup Turns Clear
	(Coolant Color / Fluid Appearance)		X				Normal appearance
	(Water Pump Noises / Damp Hoses / Coolant Leaks)		X				No Cooling System noises No Pump noises
	(Coolant Leaks from Radiator)		X				None Seen
	(Overall Engine Appearance Clean / Wet / Dry)				X		Engine wet+oily Dried seepages caked on engine
	(Overall appearance of Hydraulic lines/fittings – worn/cracked)			X	X		Hydraulics wet, hydraulic oil leaks, dried seepages See Photos
HYDRAULICS OVERALL	(Hydraulic Pump Sounds / Noises)		X				No unusual noises Normal Hydraulic Function
	Wet or Damp hydraulic lines and fittings / fluid leaks)				X	X	Hydraulics wet, hydraulic oil leaks, dried seepages See Photos
	(External Controls / Levers Condition)		X	X			Panel stains and discoloration signs of heavy wear+tear
	(Hydraulics Service Records / Maintenance History)		X				not provided

ELECTRICAL	(Lighting System Condition)		X				Working	
	(Reverse Alarm / Backup Signal)		X				Working	
	(Battery Condition)		X				Normal appearance	
	(Other Electric Device Condition)		X				Working	
B R A K E S	(Foot Brake)		X				Working	
	(Inching Brake Functional & Working Condition)		X				Working	
	(Parking Brake)		X				Working	
	(Other Remarks)							
TRANSMISSION	(Clutch Noise / Function)		X				Good Travel performance No unusual noises or delays	
	(Transmission Noise / Function)		X				Good Transmission Function Forward and Reverse	
	(Shift Lever Condition & Function)		X				Good Shifter appearance and function	
	(Front+Rear Steering)		X				Good Front + Rear Steering function	
HYDRAULICS CYLINDERS	(Lift)	(Oil Leak from Cylinder)		X	X		Hydraulics wet, hydraulic wetness, hydraulic dry seepage	
		(Mounting Pin Condition)		X	X		Hydraulics wet, hydraulic wetness, hydraulic dry seepage	
	(Bucket)	(Oil Leak from Cylinder)		X	X		Hydraulics wet, hydraulic wetness, hydraulic dry seepage	
		(Mounting Pin Condition)		X	X		Hydraulics wet, hydraulic wetness, hydraulic dry seepage	
	(Steering)	(Oil Leak from Cylinder)		X	X		Hydraulics wet, hydraulic wetness, hydraulic dry seepage	
		(Mounting Pin Condition)		X	X		Hydraulics wet, hydraulic wetness, hydraulic dry seepage	
	(Other Remarks)			X	X			
	C H A S S I S & COMPONENT	(Transom / Boom / Arm Function / Noise)		X				No unusual noises
(Slack in Pins / Loose Pins / Soft Bushings)		X				No excess slack or vibrations		
(Level stance and alignment)		X				Level stance Good alignment		
(Front Axle Appearance)		X	X			No dampness or rust seen		
(Rear Axle Appearance)		X	X			No dampness or rust seen		
(Center Pin Appearance)		X	X			No dampness or rust seen		
(Wheel Condition)		(Front)	Remaining Ratio Of Right *(A)to(E)	X	X			Tires =B- Some sidewall gashes, tread chips Hubs Rusty
			Remaining Ratio Of Left *(A)to(E)	X	X			Tires =B- Some sidewall gashes, tread chips Hubs Rusty
		(Rear)	Remaining Ratio Of Right *(A)to(E)	X	X			Tires =B- Some sidewall gashes, tread chips Hubs Rusty
			Remaining Ratio Of Left *(A)to(E)	X	X			Tires =B- Some sidewall gashes, tread chips Hubs Rusty
(Track Condition)		X	X			Tread =B-		
F O R K S	(Fork Carriage)			X			Forks carriage pins wear+tear appearance dried seepages	
	(Fork Appearance)			X			Right fork surfaces wear+tear	
	(Performance)		X				Good lift, drop, and articulation hydraulics	
	(Function)		X				Good steering, brakes, engine and travel function	

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

TRANSPORT DIMENSIONS: (reff only)

Length: 24 Ft 6 in
Width: 8 Ft 9 in
Height: 17 Ft 7 in
Weight: 37,040 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