

Location: Boom and Bucket  
Butner, N.C.

**Truck and Equipment Consulting, LLC – BULL DOZER INSPECTION CHECKLIST**

Date  
(Y/M/D) 9/20/2024

Inspector  
Initials H.S.

(Basic Information)		
(Manufacturer)	Caterpillar	
(Model Number)	D1 12A	
(Serial Number)	CAT000D1CXKF00411	
(Year of Manufacturing )	2022	
(Hour Meter Reading)	171.9 Hrs	
(Engine Model)	Tier 4	CAT C3.6 3.6L 80 Hp I4 TurboDiesel
(Transmission)	Hydrostatic	
(Transmission Hydraulic Relief)	7033 psi	
(Hydraulic Relief Implement System)	2988 psi	

Specification and Dimensions	
Serial Plate/Frame Inscription	CAT000D1CXKF00411
Cabin+Canopy (Circle)	Enclosed Cab w/A/C+Heat (working)
EPA Certificate / Permits Posted	ROPS / FOPS level II
Number of Shoes/Rollers	43 shoes (per side) / 6 rollers (per side)
Track Gauge / Shoe Size	Track Gauge 59 in Width =16 in
Fluid Capacities	Oil =2.8 gal/Coolant =4.2 gal/Hyd Tank =23.8 gal
Fuel Tank/DEF Tank	Fuel =51.5 gal / DEF =4.9 gal
Blade Width / Capacity	PAT Blade 104 in 1.99 yd3
Operating Weight	17,855 lbs
Ripper / Scarifer	N/A
Other	Rev Camera, Slope Indicator, Travel Speed Limiter

- 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)		A	B	C	D	E	(Remarks)
GENERAL APPEARANCE	(General Appearance–Front)		X				Good appearance of front end components, blade No damage
	(General Appearance–Rear)		X				Good appearance of back panels+components, grille No damage
	(General Appearance–Right )		X				Good appearance of panel gaps, track frame, No damage
	(General Appearance–Left )		X				Good appearance of left side panel gaps and panels No damage
	(General Appearance–Upper )		X				Good appearance of cabin, upper panel surfaces, GPS stacks No damage
	(Major / Minor Surface Rust)		X				No rust issues No rust seen
	(Body Panel Rust Damage / Cancer)		X				No panel damage No cancer
	(Visible Weld Repairs / Stress Cracks)		X				No weld repairs No stress cracks seen
	(Glass Condition)		X				Good glass appearance No damage
	(Chassis / Undercarriage Damage)		X				Very Muddy Site No damage Good underside panel gaps
OPERATOR'S COCKPIT	(Operator Cabin)		X				Solid Floors, Good appearance of panels + gaps Dirty and muddy
	(Operator Controls and Switches)		X				Complete Switchgear Good appearance and Functionality No damage
	(Hour Meter Activity)		X				Hours Meter Working
	(Other Gauge Activity)		X				Display Clear and Sharp No Error Codes Reverse Camera Working
	(Door / Canopy Latches)		X				Doors, Engine cover + locks Good Working Condition
	(Safety – Horn / First Aid Kit)		X				Rev Alarm Working / Yes
	(Operator Seat Condition)		X				Seat Good Condition
	(Safety – Seat Belts / Fire Extinguisher)		X				Yes
ENGINE	(Oil Color / Fluid Appearance / Particulates or Granuales)		X				Normal appearance No signs or smells of contamination
	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)		X				Easy start Smooth Idle No unusual engine noises at start up or shut down
	(Engine Exhaust Color – White / Blue / Black / Clear)		X				Clear at start up Stays Clear at Operating temp
	(Oil Leaks )		X				Engine compartment dry No active leaks seen
	(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)		X				No smoke issues No blow by
	(Coolant Color / Fluid Appearance )		X				Coolant Normal appearance
	(Water Pump Noises / Damp Hoses / Coolant Leaks)		X				No leaks or damp hoses
	(Coolant Leaks from Radiator)		X				Radiator clean and Dry
	(Overall Engine Appearance Clean / Wet / Dry)		X				Engine Clean and Dry
HYDRAULICS OVERALL	(Overall appearance of Hydraulic lines/fittings – worn/cracked)		X				Good appearance of hydraulic lines+fittings No dried seepage
	(Hydraulic Pump Sounds / Noises)		X				No unusual hydraulic noises during operations
	Wet or Damp hydraulic lines and fittings / fluid leaks)		X				Dry
	(External Controls / Levers Condition)		X				Good function and condition
	(Hydraulics Service Records / Maintenance History)		X				Filter Labeled 2/2022 @ 3 Hrs

ELECTRICAL	(Lighting System Condition)		X				Working	
	(Reverse Alarm / Backup Signal)		X				Working	
	(Battery Condition)		X				Batteries Clean and Dry Good appearance	
	(Other Electric Device Condition)		X				Good appearance of harnesses No fraying or loose+dangling wires	
B R A K E S	(Foot Brake)		X				Good brake function	
	(Inching Brake Functional & Working Condition)		X				Good function	
	(Parking Brake)		X				Working	
	(Other Remarks)		X				Good Brake Performance No unusual noises	
TRANSMISSION	(Clutch Noise / Function)		X				Good Forward and Reverse function No unusual noises	
	(Transmission Noise / Function)		X				Good function No unusual noise or vibration	
	(Shift Lever Condition & Function)		X				Good shifter controller and function	
	( Other Remarks)		X				Good performance	
HYDRAULICS CYLINDERS	(Lift)	(Oil Leak from Cylinder)	X				Hydraulic Rams + Cylinders Good appearance No pitting No discoloration	
		(Mounting Pin Condition)	X				Some minor discoloration Good appearance	
	(Tilt)	(Oil Leak from Cylinder)	X				Hydraulic Rams + Cylinders Good appearance No pitting No discoloration	
		(Mounting Pin Condition)	X				Some minor discoloration Good appearance	
	(Angle)	(Oil Leak from Cylinder)	X				Hydraulic Rams + Cylinders Good appearance No pitting No discoloration	
		(Mounting Pin Condition)	X				Some minor discoloration Good appearance	
	Ripper	(Other Remarks)					N/A	
C H A S S I S & COMPONENT	Undercarriage Appearance		X				Caked in mud Good overall appearance above average smooth surfaces	
	Right Side Drive Sprocket/Link Bush/Shoe		X				Caked in mud Good appearance above average smooth surfaces + edges	
	Left Side Drive Sprocket/Link Bush/Shoe		X				Caked in mud Good appearance above average smooth surfaces + edges	
	Right Side Front Idler/Upper and Lower Roller		X				Caked in mud Good appearance above average smooth surfaces + edges	
	Left Side Front Idler/Upper and Lower Roller		X				Caked in mud Good appearance above average smooth surfaces + edges	
	Track Condition		X				Very muddy site Muddy Tracks+pins Good appearance	
	OPERATION	Forward	Steering/Brakes/Clutch	X				Good Forward Function
			Lift/Tilt/Angle	X				Good Lift/Tilt/Angle
		Reverse	Steering/Brakes/Clutch	X				Good Reverse Function
			Lift/Tilt/Angle	X				Good Lift/Tilt/Angle
	Other Comments		X				Good PAT multi directional postioning	
	B L A D E / RIPPER	( Blade Edge)		X				Good Blade Edge
(Blade Overall Condition)		X				Blade overall Good Appearance some minor surface cosmetics		
(Ripper Overall Condition)						N/A		
(Other Remarks)		X				Good Appearance		

OVERALL EXTERIOR RATING:   B  

OVERALL INTERIOR RATING:   B  

OVERALL PERFORMANCE:   B  

OVERALL EVALUTAION GRADE: **B**

QUALITY:   B  

SAFETY:   B  

FUNCTIONALITY:   B  

**SHIPPING DIMENSIONS: (reff only)**

Length: 168 in

Width: 74.8 in (no blade)

Height: 108.9 in

Weight: 17,855 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%