

Location: Rivera Hauling
Sylmar, CA

Truck and Equipment Consulting, LLC – BULL DOZER INSPECTION CHECKLIST

Date
 (Y/M/D) 12/13/2022

Inspector
 Initials L.W.

(Basic Information)	
(Manufacturer)	Caterpillar
(Model Number)	D5K2 XL
(Serial Number)	CAT00D5KTKW207292
(Year of Manufacturing)	2018
(Hour Meter Reading)	1111.3 HRS
(Engine/SN #)	TIER 4 s/n W7N53602 CAT C4.4ACERT 4.4L 104Hp I6 TurboD
(Transmission)	Hydrostatic w/Traction Control
(Op Weight)	20,534 lbs

Specification and Dimensions	
Serial Plate / Arrangement Number	CAT00D5KTKW207292
Cabin*Canopy (Circle)	CABIN
EPA Certificate / Permits Posted	EROPS / EFOPS
Track Gauge / Shoe Size	Track Gauge =63 in / Shoe width =20 in
Number Shoes / Rollers	40 shoes/ 7 track rollers/1 carrier roller (per side)
Hydraulic /Engine Oil/Coolant Cap	Hydraulic Tank=15.7 gal/Eng Oil=2.91 gal/Coolant=5.92g
Hydraulic Relief	Transmission =6918 psi/ Implement =2988 psi
Blade Height/Capacity	Std Height =42.2 in / 2.86 yd3 capacity
Ripper	3 slot (only 2 shanks) / full weight =1222 lbs
Other	Right + Left Slope Boards, Flood lights Front Counterweight

- 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 Grille, Good Appearance Front Pins, No damage seen
	(General Appearance-Rear)			X	X		Rear Glass Broken out,Upper Rear Cab Roof Dented,3 slots but 2 shanks
	(General Appearance-Right)		X				Good panel fitment, No damage seen, Good appearance No issues
	(General Appearance-Left)		X				Good panel fitment, No damage seen, Good appearance No issues
	(General Appearance-Upper)		X	X			Upper Rear Cab Roof dented, Inside back roof panel broken
	(Major / Minor Surface Rust)		X				No rust issues No rust cancer
	(Body Panel Rust Damage / Cancer)			X			Upper Rear Cab Roof Dented
	(Visible Weld Repairs / Stress Cracks)		X				No weld repairs No patch repairs seen
	(Glass Condition)			X			Rear Glass window broken out
	(Chassis / Undercarriage Damage)		X				No damage seen to chassis or underside panels
OPERATOR'S COCKPIT	(Operator Cabin)		X	X			Inner cabin Rear Roof panel broken, Solid floors, Good console +joysticks
	(Operator Controls and Switches)		X				Complete and Good Functionality
	(Hour Meter Activity)		X				Working
	(Other Gauge Activity)		X				Working
	(Door / Canopy Latches)		X				Good function
	(Safety - Horn / Wipers)		X				Working
	(Cabin Ventilation / A/C / Heat)						N/A
	(Operator Seat Condition)		X				Seat Good Condition
(Seat Belts / Fire Extinguisher)		X				Yes	
ENGINE	(Oil Color / Fluid Appearance / Particulates or Granuales)		X				Oil Good Appearance No blow by No issues when hot
	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)		X				No unusual noise at start up or shut down Good Idle
	(Engine Exhaust Color - White / Blue / Black / Clear)		X				Clear
	(Oil Leaks)		X				No oil leaks seen
	(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)		X				No smoke issues
	(Coolant Color / Fluid Appearance)		X				Coolant Good appearance No signs of contamination No mud or foul odor
	(Water Pump Noises / Damp Hoses / Coolant Leaks)		X				No coolant leaks seen Hoses dry No pump noises
	(Coolant Leaks from Radiator)		X				None seen
(Overall Engine Appearance Clean / Wet / Dry)		X				Clean and Dry	

HYDRAULICS OVERALL	(Overall appearance of Hydraulic lines/fittings – worn/cracked)		X				Hydraulic lines + fittings look good No cracked or frayed insulation	
	(Hydraulic Pump Sounds / Noises)		X				No unusual pump noises or vibrations under load	
	(Wet or Damp hydraulic lines and fittings / fluid leaks)		X				No leaks or seepage seen No discoloration No pitting on cylinders	
	(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 battery and cable appearance	
	(Other Electric Device Condition)		X				No electrical issues seen	
B R A K E S	(Foot Brake)		X				Good brake function	
	(Inching Brake Functional & Working Condition)		X				Working	
	(Parking Brake)		X				Good function	
	(Other Remarks)		X				Brakes good performance	
TRANSMISSION	(Clutch Noise / Function)		X				No clutch noise or vibrations	
	(Transmission Noise / Function)		X				No noises Good Hydrostatic Forward and Reverse performance	
	(Shift Lever Condition & Function)		X				Good shifter function	
	(Other Remarks)						Limited space on site Limited distance travelled	
HYDRAULICS CYLINDERS	(Lift)	(Oil Leak from Cylinder)	X				No dried seepage No pitting or discoloration on cylinders seen	
		(Mounting Pin Condition)	X				Pins Good appearance	
	(Tilt)	(Oil Leak from Cylinder)	X				No dried seepage No pitting or discoloration on cylinders seen	
		(Mounting Pin Condition)	X				Pins Good appearance	
	(Angle)	(Oil Leak from Cylinder)	X				No dried seepage No pitting or discoloration on cylinders seen	
		(Mounting Pin Condition)	X				Pins Good appearance	
Ripper	(Other Remarks)	X	X			3 Slot Ripper has only 2 Shanks 1 shank missing		
C H A S S I S & UNDER CARRIAGE	Undercarriage Appearance		X				Good Appearance Minimal surface wear	
	Right Side Drive Sprocket/Link Bush/Shoe		X				B = Good sprocket teeth Minimal surface wear	
	Left Side Drive Sprocket/Link Bush/Shoe		X				B = Good sprocket teeth Minimal surface wear	
	Right Side Front Idler/Upper and Lower Roller		X				B =Good Idler + Roller Surfaces minimal surface wear	
	Left Side Front Idler/Upper and Lower Roller		X				B =Good Idler + Roller Surfaces minimal surface wear	
	Track Condition		X				B = Good appearance of shoes, grousers no chips or uneven wear seen	
	Operation	Forward	Steering/Brakes/Clutch	X				Good Function in Forward
			Lift/Tilt/Angle	X				Good Lift/Tilt/Angle
		Reverse	Steering/Brakes/Clutch	X				Good Function in Reverse
			Lift/Tilt/Angle	X				Good Lift/Tilt/Angle
Other Comments		X				Good Blade articulation and performance No rattle or vibrations		
B L A D E / RIPPER	(Blade Edge)		X				Good Blade Edge No chips No cracks No bent corners	
	(Blade Overall Condition)		X				Good Blade Articulation, Angle function	
	(Ripper Overall Condition)		X	X			Good Ripper function / missing 1 shank	
	(Other Remarks)		X				Slope Boards Good Appearance No damage seen	

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

DIMENSIONS: (shipping ref only)
LENGTH: 170 inch (w/blade)
WIDTH: 109.5 inch
HEIGHT: 109 inch
WEIGHT: 20,534 lbs (w/blade)
21,756 lbs w/ripper

*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%