

Location: LACSD
Los Angeles , CA

Truck and Equipment Consulting, LLC – BULL DOZER INSPECTION CHECKLIST

Date (Y/M/D) 10/27/2021
 Inspector Initials R.F.

(Basic Information)	
(Manufacturer)	Caterpillar
(Model Number)	D9T
(Serial Number)	CAT00D9TJRJS01720
(Year of Manufacturing)	2011
(Hour Meter Reading)	19,603.8 Hrs
(Engine Model) sn TXH01700 Tier IV	CAT C18 ACERT 18.1L 436 Hp I6 TurboD
(Transmission)	Powershift 3 FWRD + 3 REV
(Country of Origin)	USA

Specification and Dimensions	
Serial Plate / Arrangement Number	RJS01720 / ARR# 2058600
Cabin• Canopy (Circle)	Cabin
EPA Certificate / Permits Posted	ROPS / FOPS
Track Gauge / Shoe Size	Track Gauge =88.6 in / Shoes =24 in
Number Shoes / Rollers	43 per side / 8 Track Rollers per side
Hydraulic /Engine Oil/Coolant Capacities	Hyd Tank=23.5 gal/Eng Oil=9.7 gal/Coolant= 25.9 g
Hydraulic Relief	Lift =3800 psi / Steering =5875 psi
Blade	SU 17.7 yd3 / 169 in / 15,130 lbs
Ripper	No
Operating Weight	106,618 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)

	(Check List)	A	B	C	D	E	(Remarks)
GENERAL APPEARANCE	(General Appearance-Front)		X				Good appearance No damage Some surface panel cosmetics only
	(General Appearance-Rear)		X	X			Good appearance No damage Standing water in rear backside compartment
	(General Appearance-Right)		X				Good appearance Good panels+panel gaps, Good rails No damage
	(General Appearance-Left)		X				Good appearance Good panels+panel gaps, Good rails 1 Step Bent
	(General Appearance-Upper)		X				Good Cab, Roof+upper panels Stacks have caked dried material No damage
	(Major / Minor Surface Rust)		X				No Rust Seen
	(Body Panel Rust Damage / Cancer)		X				No panel or body damage seen, No rust cancer
	(Visible Weld Repairs / Stress Cracks)		X				No patches or weld repairs seen
	(Glass Condition)		X				Good glass No damage
	(Chassis / Undercarriage Damage)			X			Wetness seen on underside panels Good panel gaps No damage
OPERATOR'S COCKPIT	(Operator Cabin)		X	X			Overall Good appearance Headliner has large oil stains cosmetics
	(Operator Controls and Switches)		X				Complete Good Appearance Good Function
	(Hour Meter Activity)		X				Working
	(Other Gauge Activity)		X				Displays Good Working Order No Service Codes
	(Door / Canopy Latches)		X				Good latch function
	(Safety - Horn / Wipers)		X				Working
	(Cabin Ventilation / A/C / Heat)		X				A/C working
	(Operator Seat Condition)		X				Seat Good Condition
	(Seat Belts / Fire Extinguisher)		X				Yes
ENGINE	(Oil Color / Fluid Appearance / Particulates or Granules)		X				Oil Good Appearance No signs or smells of cross contamination when hot
	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)		X				No unusual noises at start up or shut down Good Idle
	(Engine Exhaust Color - White / Blue / Black / Clear)		X				Normal Small puffs of black under throttle Clear at operating temps
	(Oil Leaks)		X				No active 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				Engine Dry appearance No seepage stains Weatherstripping is loose
HYDRAULICS OVERALL	(Overall appearance of Hydraulic lines/fittings - worn/cracked)		X				Good appearance hydraulic lines + fittings No seepages or damage seen
	(Hydraulic Pump Sounds / Noises)		X				No unusual pump noises or vibrations under load
	(Wet or Damp hydraulic lines and fittings / fluid leaks)		X				No hydraulic leaks seen
	(External Controls / Levers Condition)		X				Good appearance
	(Hydraulics Service Records / Maintenance History)		X				1 Filter Marked 7/13/2021 @ 19,496 , with additional history

ELECTRICAL	(Lighting System Condition)		X				Working	
	(Reverse Alarm / Backup Signal)		X				Working	
	(Battery Condition)		X	X			Average Appearance	
	(Other Electric Device Condition)		X				Good function both Driver Information display and Diagnostics monitor	
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 unusual noises or vibrations	
	(Transmission Noise / Function)		X				Good Forward and Reverse performance	
	(Shift Lever Condition & Function)		X				Good shifter function	
	(Other Remarks)		X					
HYDRAULICS CYLINDERS	(Lift)	(Oil Leak from Cylinder)	X				No leaks from lift cylinder seen	
		(Mounting Pin Condition)	X				Good pin appearance	
	(Tilt)	(Oil Leak from Cylinder)	X				No leaks from Tilt cylinder	
		(Mounting Pin Condition)	X				Good appearance	
	(Angle)	(Oil Leak from Cylinder)	X				No leaks from Angle cylinder seen	
		(Mounting Pin Condition)	X				Good appearance	
	Ripper	(Other Remarks)					N/A	
C H A S S I S & UNDER CARRIAGE	Undercarriage Appearance		X	X			B- Some surface wear +rust idler and roller surfaces Above Average	
	Right Side Drive Sprocket/Link Bush/Shoe		X				B / B- = Right Sprocket Teeth+Cutouts Minimal surface wear	
	Left Side Drive Sprocket/Link Bush/Shoe		X				B / B- = Left Sprocket Teeth+Cutouts Above Avg Minimal surface wear	
	Right Side Front Idler/Upper and Lower Roller		X	X			B- / C+ = Right side Idler + rollers some surface rust +wear	
	Left Side Front Idler/Upper and Lower Roller		X	X			B- / C+ = Left side Idler + roller some surface rust +wear	
	Track Condition		X	X			B = Tracks Good Appearance no cracked or broken shoes Grouser B-	
	OPERATIO N	Forward	Steering/Brakes/Clutch	X				Good Function in Forward
			Lift/Tilt/Angle	X				Good
		Reverse	Steering/Brakes/Clutch	X				Good Function in Reverse
			Lift/Tilt/Angle	X				Good
Other Comments		X				Quiet travel No undercarriage noises during travel		
B L A D E / RIPPER	(Blade Edge)		X				Good appearance of blade egde No dents No damage seen	
	(Blade Overall Condition)		X				Good	
	(Ripper Overall Condition)						N/A	
	(Other Remarks)		X				Good lift, drop, tilt, and angle function	

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

DIMENSIONS: (Transport Ref only)

LENGTH: 193.3 in / 274.3 in (w/blade)
WIDTH: 113.4 in
HEIGHT: 157.5 in
WEIGHT: 80,062 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%