

Location: Boom and Bucket

College Park, GA

TRUCK AND EQUIPMENT CONSULTING LLC – TRACK LOADER CHECKLIST (REQUIRED)Date
(Y/M/D)

11/29/2024

Inspector
Initials

A.L.

(Basic Information)	
(Manufacturer)	Caterpillar
(Model Number)	299D3XE LM Land Management
(Serial Number)	CAT0299DHLB300675
(Year of Manufacturing)	2020
(Hour Meter Reading)	796.9 Hrs
(Transmission)	Hydrostatic 2 Spd Fwrd + Rev
(Engine Model)	TIER IV CAT C3.8 DIT 3.8L I4 95 HP TurboDiesel
(Hydraulic Relief)	Std =3335 psi / Hi Flow XPS =4081 psi

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	CAT0299DHLB300675
Cabin+Canopy (Circle)	Cabin w/A/C (cold) +Heat
EPA Certificate / Permits Posted	EROPS / EFOPS
Track/Carrier Rollers (per side)	Track Rollers =4/ Idlers =2/ Sprocket =1
Tipping Load	Rated 9945 lbs
Tracks	Rubber 15.7 in width / 90 in length
Fluid Capacities	Hydr Tank=10.3 gal/Eng Oil =3.5 gal/Coolant=4 gal
Hydraulic System/Fuel	14.5 gal / Fuel =32.2 gal
Operating Weight	11,464 lbs est (without attachment)
Attachment s/n #DAF180D0780520	Rayco Denis-Cimaf DAF180D Forestry Mower
Attachment (Continued)	Width =87 in / Height =58 in / Weight =3200 lbs
	Cutting Width =74 in/Rated Material= 8 in diameter
	Blades =27 / Rotor Diameter =18 in / RPM=2500
	Aux Hydraulics, Side+Front Light grilles

	(Check List)					(Remarks)
	A	B	C	D	E	
GENERAL APPEARANCE	(General Appearance-Front)	X				Good appearance No damage Surface scratches and light paint cosmetics
	(General Appearance-Rear)	X	X			Above Average Rear grille + mesh dented and bent
	(General Appearance-Right)	X				Muddy but Good appearance Right Panel + panel gaps No damage
	(General Appearance-Left)	X				Muddy but Good appearance Left Panel + panel gaps No damage
	(General Appearance-Upper)	X				Upper panels Good appearance ROPS Cabin frame+structure No damage
	(ROPS / FOPS Structure Appearance)	X				Good ROPS /FOPS appearance no damage no rust Good panel gaps
	(Major / Minor Surface Rust)	X				No rust damage No cancer seen
	(Body Panel Rust Damage / Cancer)	X				No panel damage No cancer Surface scratches, light paint cosmetics
	(Visible Weld Repairs / Stress Cracks)	X				No weld repairs or patch repairs seen
	(Glass Condition)	X				Good glass panels No damage
OPERATOR'S COCKPIT	(Chassis / Undercarriage Damage)	X				No chassis or frame damage seen Overall dry Good Appearance
	(Operator Cabin)	X				Complete+straight, Solid Floors, 2 wires dangling from ceiling light
	(Operator Controls and Switches)	X				Complete and Good functionality No damage
	(Hour Meter Activity)	X				Working
	(Other Gauge Activity)	X				Working
	(Door / Canopy Latches)	X				Working Good Function
	(Safety – Horn / First Aid Kit)	X				Working
	(Operator Seat Condition)	X				Seat Good Condition
	(Safety – Seat Belts / Fire Extinguisher)	X				yes
	(Oil Color / Fluid Appearance / Particulates or Granuales)	X				Good appearance No blow by seen at opeating temps
ENGINE	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)	X				Easy start, smooth idle, No unusual noises
	(Engine Exhaust Color – White / Blue / Black / Clear)	X				Clear at startup Clear at operating temp
	(Oil Leaks)	X				No engine oil leaks seen Dried dirt+mud around oil filter
	(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)	X				No smoke issues Clear at operating temp
	(Coolant Color / Fluid Appearance)	X	X			Coolant level low
	(Water Pump Noises / Damp Hoses / Coolant Leaks)	X				No coolant leaks No cooling system noises
	(Coolant Leaks from Radiator)		X			No leaks or stains seen Radiator is bent + dented See Photos
	(Overall Engine Appearance Clean / Wet / Dry)	X				Dirty but overall Dry Appearance
	(Overall Evaluation)	X	X			Radiator bent and dented Some dried seepages around oil filter
	(Overall appearance of Hydraulic lines/fittings – worn/cracked)	X				Good appearance of hydraulic hoses+fitting No fraying No dried seepages
HYDRAULICS OVERALL	(Hydraulic Pump Sounds / Noises)	X				No unusual hydraulic noises or vibrations
	Wet or Damp hydraulic lines and fittings / fluid leaks)	X				None active leaks seen No dampness or seepgaes
	(External Controls / Levers Condition)	X				Good condition and function
	(Hydraulics Service Records / Maintenance History)	X				Filter Labeled 780 Hrs 2022

ELECTRICAL	(Lighting System Condition)	X				Working
	(Reverse Alarm / Backup Signal)	X				Working
	(Battery Condition)	X				Dusty battery appearance Good cables
	(Other Electric Device Condition)	X				All Electronics Working A/C works
B R A K E S	(Foot Brake)	X				Good Brake Function
	(Inching Brake Functional & Working Condition)	X				Good
	(Parking Brake)	X				Good
	(Other Remarks)					
TRANSMISSION	(Clutch Noise / Function)	X				Good Forward + Reverse Response
	(Transmission Noise / Function)	X				No unusual noises or vibration Smooth function
	(Shift Lever Condition & Function)	X				Good Shifter appearance and condition
	(Other Remarks)					
HYDRAULICS CYLINDERS	(Lift)	(Oil Leak from Cylinder)	X			Clean pistons No pitting No discoloration No dried seepages on end caps
		(Mounting Pin Condition)	X			Pins Good appearance No damage or discoloration
	(Mulcher)	(Oil Leak from Cylinder)	X			Clean pistons No pitting No discoloration No dried seepages on end caps
		(Mounting Pin Condition)	X			Pins Good appearance No damage or discoloration
	(Steering)	(Oil Leak from Cylinder)	X			Clean pistons No pitting No discoloration No dried seepages on end caps
		(Mounting Pin Condition)	X			Pins Good appearance No damage or discoloration
C H A S S I S & COMPONENT		(Other Remarks)	X			Very Clean appearance
	(Transom / Boom / Arm Function / Noise)	X				Good front hydraulic function No Noises
	(Slack in Pins / Loose Pins / Soft Bushings)	X				No excess wiggle No unusual noises
	(Level stance and alignment)	X				Level Stance
	(Front Undercarriage / Roller appearance)	X				Muddy appearance No wear or tear issues seen B /B+
	(Rear Undercarriage / Roller appearance)	X				Muddy appearance No wear or tear issues seen B /B+
	(Sprockets + Idlers appearance)	X				Muddy appearance No wear or tear issues seen B /B+
MULCHER	(Track Condition)	X				Muddy appearance No wear or tear issues seen B /B+
	(Mulcher Frame and Pushbar Appearance)	X				Muddy appearance Minor surface scratches + cosmetics
	(Mulcher Blades)	X				Blades Good appearance No chips No damage seen
	(Mulcher hydraulics)	X				Good articulation and Good rotar function No Bearing noises
	(Mulcher Performance)	X				Good overall functionality and performance No material tested

OVERALL EXTERIOR RATING: B / B- QUALITY: B / B-

OVERALL INTERIOR RATING: B SAFETY: B

OVERALL PERFORMANCE: B FUNCTIONALITY: B

OVERALL EVALUATION GRADE: B / B-

FLUID ANALYSIS RECOMMENDED (Y/N) n OIL n COOLANT n

TRANSPORT DIMENSIONS:

Length: 155 inch

Width: 78 inch

Height: 83 inch

Weight: 11,464 lbs est (not including attachment)

*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