

Location: Jose Herrera
Arroyo Gran de, CA

Truck and Equipment Consulting, LLC – MOTORGRADER CHECKLIST

Date 7/8/2022
 (Y/M/D)
 Inspector C.R.
 Initials

(Basic Information)	
(Manufacturer)	Caterpillar
(Model Number)	140H
(Serial Number)	CAT0140HHCCA03361
(Year of Manufacturing)	2006
(Hour Meter Reading)	2810.0 HRS
(Transmission)	Powershift 8 FWRD + 6 REVERSE
(Engine Model/ SN #)	3PD18898 CAT 3176 10.3L 165/185HP T.Diesel
(Country of Origin)	Brazil

Specification and Dimensions	
Serial Plate/Frame Inscription	CAT0140HHCCA03361 / ARR # 2856403
Cabin Canopy (Circle)	Cabin w/A/C + Heat (working)
EPA Certificate / Permits Posted	EROPS / FOPS
Eng Oil/Hydraulic/Coolant Capacities	Eng Oil 10.2 gal/Hydraulic 20.8 gal/Coolant 10 gal
Blade Base	8.4 FT
Moldboard (width x height)	14 Ft x 2 Ft
Hydraulic Relief	3500 psi
Scarifer	5 Slot / 3 Shank Ripper
Tires	Loadmaster Camso 17.5 - 25 L2
Other	Push Block, Trimble GC590 Dual Mast GPS Site Positioning / Grade Control System w/accessories

- 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			Good Appearance, Level Stance, No damage, Surface cosmetics only
	(General Appearance-Rear)		X	X		Older RePaint w/overspray, paint peel, mismatch color No damage
	(General Appearance-Right)		X	X		Older RePaint w/overspray, paint peel, mismatch color No damage
	(General Appearance-Left)		X	X		Older RePaint w/overspray, paint peel, mismatch color No damage
	(General Appearance-Upper)		X			Cabin Frame and Structure Good Appearance No Rust No damage
	(Major / Minor Surface Rust)		X			No body rust Inner (exhaust manifold rust only)
	(Body Panel Rust Damage / Cancer)		X			No Panel Damage, No Body Rust, No Rust Cancer
	(Visible Weld Repairs / Stress Cracks)		X			No Weld or Patch Repairs Seen
	(Glass Condition)		X			Good
	(Chassis / Undercarriage Damage)		X			Good Chassis and Frame Appearance No damage or panel gaos
OPERATOR'S COCKPIT	(Operator Cabin)		X			Clean and Complete, Solid Floors, Good Interior Panels
	(Operator Controls and Switches)		X			Switches and Operator Controls Complete and Good Functionality
	(Hour Meter Activity)		X			Good Working Order
	(Other Gauge Activity)		X			Good Display Good Working Order
	(Door / Canopy Latches)		X			Good Latches + Good function + condition
	(Safety - Horn / First Aid Kit)		X			Working
	(Operator Seat Condition)		X			Good Condition
	(Safety - Seat Belts / Fire Extinguisher)		X			Yes
ENGINE	(Oil Color / Fluid Appearance / Particulates or Granuales)		X			Good Oil + Coolant Fluid Appearance No signs of cross contamination
	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)		X			Easy start up, Smooth Idle, No unusual noises
	(Engine Exhaust Color - White / Blue / Black / Clear)		X			Clear
	(Oil Leaks)		X			No Engine oil leaks seen
	(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)		X			No smoke issues
	(Coolant Color / Fluid Appearance)		X			Good color and appearance
	(Water Pump Noises / Damp Hoses / Coolant Leaks)		X			No coolant leaks seen No unusual noises or squeaking
	(Coolant Leaks from Radiator)		X			None seen
	(Overall Engine Appearance Clean / Wet / Dry / Other)		X	X		Dusty + Dirty Overall dry appearance Exhaust manifold very rusty
HYDRAULICS OVERALL	(Overall appearance of Hydraulic lines/fittings - worn/cracked)			X		Many areas of dried seepages on hydraulics, inner wheel hubs, See Photos
	(Hydraulic Pump Sounds / Noises)		X			No unusual hydraulic noises during operation
	(Wet or Damp hydraulic lines and fittings / fluid leaks)			X		Areas of wetness on hydraulic fittings at junction block See Photos
	(External Controls / Levers Condition)		X			Levers complete and good function
	(Hydraulics Service Records / Maintenance History)					Labeled 6/22/2012 @ 1351 Hrs

ELECTRICAL	(Lighting System Condition)		X				Working	
	(Reverse Alarm / Backup Signal)		X				Working	
	(Battery Condition)		X				Good battery function	
	(Other Electric Device Condition)		X				Good Display Good Working Order	
B R A K E S	(Foot Brake)		X				Brake Good Function	
	(Inching Brake Functional & Working Condition)		X				Good	
	(Parking Brake)		X				Working	
	(Other Remarks)						Good Brake Function	
TRANSMISSION	(Clutch Noise / Function)		X				No unusual clutch noise Good Function	
	(Transmission Noise / Function)		X				Good Forward and Reverse No unusual noises	
	(Shift Lever Condition & Function)		X				Good Shifter Function	
	(Other Remarks)						Good Transmission Performance	
HYDRAULICS CYLINDERS	(Blade Lift)	(Oil Leak from Cylinder)		X			Areas of dried seepages on hydraulics cylinder ends, fittings	
		(Mounting Pin Condition)		X			Areas of dried seepages + discoloration	
	(Scarifer Lift)	(Oil Leak from Cylinder)		X			Areas of dried seepages on hydraulics cylinder ends, fittings	
		(Mounting Pin Condition)		X			Areas of dried seepages and discoloration	
CIRCLE GEAR	(Blade Side)	(Oil Leak from Cylinder)		X			Areas of dried seepages on hydraulics cylinder ends, fittings	
		(Mounting Pin Condition)		X			Areas of dried seepages and discoloration	
	(Articulate Cylinder)	(Oil Leak from Cylinder)		X			Areas of dried seepages on hydraulics cylinder ends, fittings	
		(Mounting Pin Condition)		X			Areas of dried seepages + discoloration	
(Leaning Cylinder)	(Oil Leak from Cylinder)			X			Areas of dried seepages on hydraulics cylinder ends, fittings	
		(Mounting Pin Condition)		X			Areas of dried seepages and discoloration	
	(Circle Center Shift)	(Oil Leak from Cylinder)		X			Areas of dried seepages on hydraulics cylinder ends, fittings	
		(Mounting Pin Condition)		X			Areas of dried seepages and discoloration	
(Other)	(Other Remarks)		X			See Photo Inspection Data		
TIRES AND HUBS	Undercarriage Appearance		X				No chassis or frame damage seen	
	Center Pins		X	X			Good Appearance	
	Wheels / Tires	FRONT	RIGHT	X	X			Tires = B Good / Hubs =C Fair
			LEFT	X	X			Tires = B Good / Hubs =C Fair
		REAR	RIGHT X 2	X	X			Tires = B Good / Hubs =C Fair
			LEFT X 2	X	X			Tires = B Good / Hubs =C Fair
	Other Comments		X	X			Good tires No splits or sidewall damage/Inner hubs areas of dried seepages	
B L A D E / SCARIFER	(Blade Edge)		X				Good Appearance of Blade + Edge	
	(Cutting Angle)		X				Good Angle Movement and Alignment	
	(Circle Gear Connection)		X				Good Control and Function of blade	
	(Scarifer)		X				Good Working Condition	

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

DIMENSIONS:

Length: 28.6 Ft
Width: 8.1 Ft
Height: 10.3 Ft
Weight: 32,357 lbs