



2020 CAT
14013
MOTOR GRADERS

INSPECTION DETAILS

Inspection Type	Marketing
Inspection Form	Standard
Inspection #	10189049
Inspection Status	Completed
Created	03/14/25 12:55:50
Updated	03/17/25 08:03:43
Created By	Calderas, Marco
Inspector	Calderas, Marco
Reviewers	Calderas, Marco
Salesperson	Schultis, Derrick R.
Stock #	E201802
Serial #	N9400354
SMU / Hours	4,039
Location	Eloy, AZ 85131, United States



FEATURES

General

- Air Conditioner
- Circle Clutch
- Guard, Transmission
- Moldboard Size - 14'
- Ripper - Multi-Shank
- Supplemental Steering
- Air Suspension Seat
- Differential Lock
- Lighting
- Product Link
- ROPS - Enclosed
- Throttle Lock
- Beacon
- Drive - Tandem
- Mirrors
- Radio - AM FM Radio
- Steering Type - Joystick

Regulatory

- Emissions Level - EPA - EPA TIER 4f
- Ultra Low Sulfur Diesel Fuel

CONDITION

Good

Fair

Poor

Approved Repair

GENERAL CONDITION

Body <div><div></div><div></div><div></div></div>	Frame - GENERAL CONDITION <div><div></div><div></div><div></div></div>	General <div><div></div><div></div><div></div></div>
ET Product Status Report Download YES	Logged / Active Codes NO	Machine Starts and is Operable YES
S.O.S. (All Compartments) NO	Tires are Aired Up and Drivable YES	Visible Oil Leaks NO

GENERAL APPEARANCE

Battery Box <div><div></div><div></div><div></div></div>	Cab or Canopy <div><div></div><div></div><div></div></div>	Crankcase Guard / Transmission Guard <div><div></div><div></div><div></div></div>
Decals <div><div></div><div></div></div> decals on stinger are scratched and peeling.	<div><div></div><div></div><div></div></div> 2 Draw Bar <div><div></div><div></div><div></div></div>	Draw bar top wear strips <div><div></div><div></div></div> wear strips are worn <div><div></div><div></div><div></div></div> 2
Engine Enclosures <div><div></div><div></div><div></div></div>	Fiberglass <div><div></div><div></div><div></div></div>	Front Frame Welds <div><div></div><div></div><div></div></div>
Fuel Tank <div><div></div><div></div><div></div></div>	Grab Irons <div><div></div><div></div><div></div></div>	Hood <div><div></div><div></div><div></div></div>
Paint <div><div></div><div></div><div></div></div>	Plastic (Exterior) <div><div></div><div></div><div></div></div>	Pre-Cleaner Bowl <div><div></div><div></div><div></div></div>
Radiator Grill <div><div></div><div></div><div></div></div>	Rear Frame Welds <div><div></div><div></div><div></div></div>	Sheet Metal <div><div></div><div></div><div></div></div>

Steps / Ladder



right side lower step is bent



Cleaning Required

NO

SAFETY ITEMS

Back Up Alarm



Camera(s)



Horn



ROPS



Seat Belt / Date



Parking Brake Functioning

YES

ROPS Certification Plate

YES



Safety Decals In Place

YES

Safety Decals Legible

YES

Safety Locks / Pins

YES



Service Brakes Functioning

YES

OPERATOR STATION

Air Conditioner



Armrests



Cab Filter / Heat Vent Louvres



Ambient temp at 61.7F And vent temp
at 47.5F

Dash Console



Door Latches / Hinges / Seals



Floor Boards / Mats



Gauges



Headliner



Heater / Defroster



Hour Meter - GAUGES,
OPERATION STATION, CONSOLE



Hydraulic Controls



Interior Lights



Interior Plastic / Fabric




Mirrors




Monitoring Display




Pans/Guards



Radio


Seat Cushions / Suspension / Type


Switches


Transmission Controls


Windows


Windshield Wipers



Current O&MM
NO
o&mm is torn and missing pages





Current Safety Manual
YES




ENGINE


Belts / Pulleys - ENGINE



Engine Oil Level / Condition



Engine Supports / Mounts


Exhaust / Muffler / Stack


Fuel Injection System


Intake / Air Filters


Operating Condition - ENGINE


Turbocharger / Blower


Apparent Other Engine Damage
NO

Blow By
NO

Fuel Leaks
NO

Knocking
NO


Oil Leaks
NO


Water in Oil
NO


Oil Pressure (H/L/N)
Normal

Smoke Color (B/D/L/W)
Normal

EMISSIONS

Aftertreatment Heat Shields / Guards



DEF Lines / Wiring


Diesel Particulate Filter (DPF) Condition / Service Hours


Aftertreatment System Codes
NO

Leaks / Type
NO


COOLING SYSTEM


Anti-Freeze Level / Color / Condition

red



Coolers


Fan


Fan Drive / Type


Fan Shrouds / Guards


Hoses / Tubes


Radiator


Water Pump


Compression in Radiator
NO


Coolant Leaks
NO


Oil in Anti-Freeze
NO

Standard Radiator
YES

ELECTRICAL, STARTING AND CHARGING SYSTEM

Alternator


Batteries / Cables


Product Link / Condition


Starter


Wiring


Work Lights


Active Codes
NO

Jump Start Terminal
YES



Signal Lights
YES


TRANSMISSION

Case - TRANSMISSION






Controls - TRANSMISSION


Cooler

















Lines / Fittings - TRANSMISSION 

Hose on transmission is wet needs washed checked and advised

Operating Condition - TRANSMISSION









Pump - TRANSMISSION


Seals 	Temp / Pressure Gauges 	Transmission - Forward Shifts 
Transmission - Reverse Shifts 	Valves 	
Leaks - TRANSMISSION YES	Transmission - Noisy NO	

STEERING

Articulate P & B 	King Pins 	Lines / Fittings 
Steering Column / Tilt 	Steering Cylinder  both steering cylinders have movement on barrel end	 1 Steering Frame 
Steering Linkage 	Steering Operating Condition 	Steering Pump 
Steering Valve 	Supplemental Steering 	Tie Rods / Rod Ends 
Wheel / Joystick 	Wheel Lean Cylinder - STEERING 	

BRAKE

Accumulators 	Brake Linkage 	Control Valve 
Lines 	Parking Brake Operation 	Pedal 
Service Brake Operation 		

DRIVECHAIN / TANDEMS

Differential
●●●

Differential Lock / Operation
●●●

Drivetrain / Tandem Leaks
●●●

Planetary
●●●

Tandem Housing / Drive Chains
●●●

Wheel Lugs & Rims
●●●

HYDRAULICS

Blade Cushion
●●●

Circle Drive Box
●●●

Circle Side Shift Cylinder
●●●

Cylinder Mounts / Pins
●●
cylinder yoke mounts have movement



Hydraulic Lines / Fittings
●●●

Hydraulic Pump
●●●

Hydraulic Valves
●●●

Lift Cylinders
●●●

Linkage
●●●

Operating Condition -
HYDRAULICS
●●●

Saddle Pin / Actuator
●●●

Side Shift Cylinder
●●●

Tank / Sight Glass / Cap
●●●

Tip Cylinder
●●●

Leaks - HYDRAULICS
NO

BLADE

Circle A Frame
●●
circle frame has cracks on left and
right side



Circle Frame
●●●

Circle Shoes / Inserts
●●
circle inserts are worn



Cutting Edge
●●●
1/2 worn

Cylinder Balls / Caps
●●●



Face / Moldboard
●●●

Frog / Base Edge
●●●

Moldboard Tip Brackets / Inserts
●●●

Ring Gear
●●●

Saddle
●●●

Tip Bracket Pivots / Bearings
●●●

RIPPER


Beam
●●●

Brackets / Studs
●●●


Cylinders
●●●

Frame
●●●

Lines / Fittings - RIPPER
●●●

Pins / Bushings 1
bushings on cylinder have movement

Shanks / Ripper (GET)
●●
ripper teeth are worn

1 Shanks / Scarifier (GET)
●●
scarifiers are worn

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TIRES

	Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section
Left Center	Yokohama y-582h	22	57	NO	YES	YES
Left Front	Yokohama y-582h	20	52	NO	YES	YES
Left Rear	Yokohama y-582h	20	52	NO	YES	YES
Right Center	Yokohama y-582h	23	60	NO	YES	YES
Right Front	Yokohama y-582h	20	52	NO	YES	YES
Right Rear	Yokohama y-582h	23	62	NO	YES	YES

Bias
YES

Radial
NO

Average Life Remaining - TIRES
56%

Tire Size - TIRES
17.5-25

MARKETING PHOTOS (28)











LINE ITEM PHOTOS (44)

Decals

●●
decals on stinger are scratched and peeling.



Draw bar top wear strips

●●
wear strips are worn



Steps / Ladder

●●
right side lower step is bent

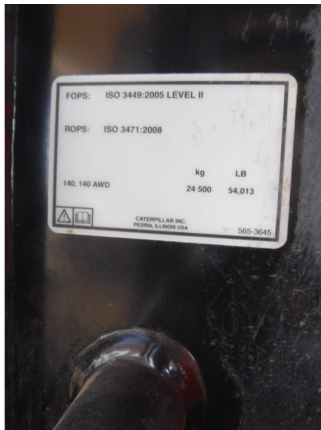


Camera(s)



ROPS Certification Plate

YES



Safety Locks / Pins

YES



Air Conditioner



Ambient temp at 61.7F And
vent temp at 47.5F



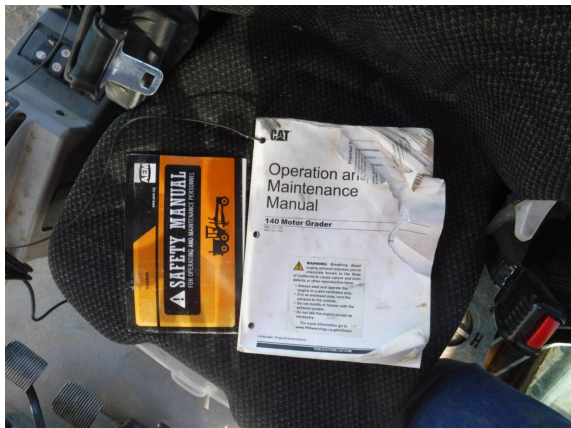
Heater / Defroster



Current O&MM

NO

o&mm is torn and missing
pages



Current Safety Manual
YES

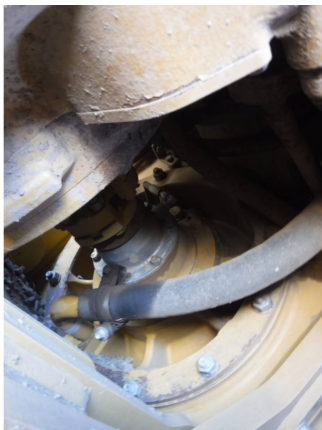


Anti-Freeze Level / Color /
Condition
●●●●
red



Lines / Fittings - TRANSMISSION

●●
Hose on transmission is wet
needs washed checked and
advised



Steering Cylinder

●●
both steering cylinders have
movement on barrel end



Cylinder Mounts / Pins

●●
cylinder yoke mounts have
movement



Circle A Frame

●●
circle frame has cracks on left
and right side



Circle Shoes / Inserts



circle inserts are worn



Cylinder Balls / Caps



Pins / Bushings



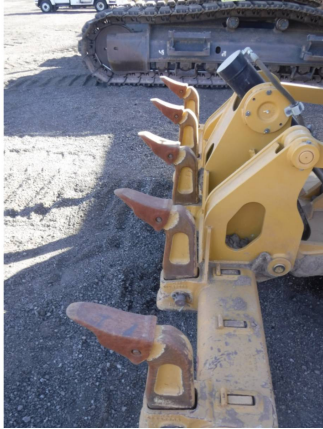
bushings on cylinder have movement



Shanks / Ripper (GET)



ripper teeth are worn



Shanks / Scarifier (GET)



scarifiers are worn



	Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section
Left Center	Yokohama y- 582h	22	57	NO	YES	YES





	Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section
Left Front	Yokohama y- 582h	20	52	NO	YES	YES



	Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section
Left Rear	Yokohama y-582h	20	52	NO	YES	YES



	Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section
Right Center	Yokohama y-582h	23	60	NO	YES	YES





	Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section
Right Front	Yokohama y- 582h	20	52	NO	YES	YES



	Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section
Right Rear	Yokohama y- 582h	23	62	NO	YES	YES

