

2020 CAT 14013 MOTOR GRADERS

INSPECTION DETAILS

Inspection Type	Marketing
Inspection Form	Standard
Inspection #	10182130
Inspection Status	Completed
Created	02/13/25 12:04:59
Updated	02/14/25 11:40:26
Created By	Willis, Joseph
Inspector	Willis, Joseph
Reviewers	Willis, Joseph
Salesperson	Schultis, Derrick R.
Stock #	E201800
Serial #	N9400356
SMU / Hours	4,019
Location	Eloy, AZ 85131, United States



FEATURES

General

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

Regulatory

- Ultra Low Sulfur Diesel Fuel

CONDITION

●●● Good

●● Fair

● Poor

Approved Repair

GENERAL CONDITIONBody
●●●Frame - GENERAL CONDITION
●●●General
●●●ET Product Status Report
Download
YESLogged / Active Codes
NOMachine Starts and is Operable
YESTires are Aired Up and Drivable
YESVisible Oil Leaks
NO**GENERAL APPEARANCE**Battery Box
●●●Cab or Canopy
●●●Crankcase Guard / Transmission
Guard
●●●Decals
●●●Draw Bar
●●●draw bar
●●TABLE HAS MOVEMENT. WEAR STRIPS
ARE WORNEngine Enclosures
●●●Fiberglass
●●●Front Frame Welds
●●●Fuel Tank
●●●Grab Irons
●●●Hood
●●●Paint
●●●Pre-Cleaner Bowl
●●●Radiator Grill
●●●Rear Frame Welds
●●●Sheet Metal
●●●Steps / Ladder
●●●Cleaning Required
NO

SAFETY ITEMS

Back Up Alarm 	Camera(s) 	 1 Horn 
ROPS 	Seat Belt / Date 	 1 JAN 2025
Parking Brake Functioning YES	ROPS Certification Plate YES	Safety Decals In Place YES
Safety Decals Legible YES	Safety Locks / Pins YES	 1 Service Brakes Functioning YES

OPERATOR STATION

Air Conditioner 	 1 Armrests 	Cab Filter / Heat Vent Louvres 
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 
Radio 	Seat Cushions / Suspension / Type 	 1 Switches 
Transmission Controls 	Windows 	Windshield Wipers 
Current O&MM YES	 1 Current Safety Manual YES	 1

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

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	 1 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

NO



Right side turn signal does not work needs checked and advised

TRANSMISSION

Case - TRANSMISSION



Controls - TRANSMISSION



Cooler



Lines / Fittings - TRANSMISSION



Operating Condition - TRANSMISSION



Pump - TRANSMISSION



Seals



Temp / Pressure Gauges



Transmission - Forward Shifts



Transmission - Reverse Shifts



Valves



Leaks - TRANSMISSION

NO

Transmission - Noisy

NO

STEERING

Articulate P & B



King Pins



Lines / Fittings



Steering Column / Tilt



Steering Cylinder



Steering Frame



Steering Linkage



Steering Operating Condition



Steering Pump



Steering Valve



Supplemental Steering



1

Tie Rods / Rod Ends



supplemental steering is not working

Wheel / Joystick



WHEEL

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



walkway on left side tandem has dent

HYDRAULICS

Circle Drive Box



Circle Side Shift Cylinder



Cylinder Mounts / Pins



lift cylinder yokes have movement

Hydraulic Lines / Fittings



Hydraulic Pump



Hydraulic Valves



Lift Cylinders



Linkage



Operating Condition -
HYDRAULICS



Pump Drive Shaft



Saddle Pin / Actuator



Side Shift Cylinder



Tank / Sight Glass / Cap



Tip Cylinder



Leaks - HYDRAULICS

NO

BLADE

Circle A Frame



Circle Frame



circle frame has cracks on left and right side



Circle Shoes / Inserts



circle shoe inserts are worn

Cutting Edge



1/2 worn

Cylinder Balls / Caps



Face / Moldboard



Frog / Base Edge



Moldboard Tip Brackets / Inserts



Ring Gear



moldboard inserts are worn

Saddle



Tip Bracket Pivots / Bearings



pivot tip bearings have movement

RIPPER

Beam



Brackets / Studs



Cylinders



bushings on cylinder have movement

Frame



Lines / Fittings - RIPPER



Pins / Bushings



Shanks / Ripper (GET)



ripper G.E.T is worn



Shanks / Scarifier (GET)



TIRES

	Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section
Left Center	Maxum ms301	34	94	NO	YES	YES
Left Front	Maxum ms301	32	91	NO	YES	YES
Left Rear	Maxum ms301	34	94	NO	YES	YES
Right Center	Maxum ms301	34	94	NO	YES	YES
Right Front	Maxum ms301	32	91	NO	YES	YES
Right Rear	Maxum ms301	34	94	NO	YES	YES

Bias
YES

Radial
NO

Average Life Remaining - TIRES
90%

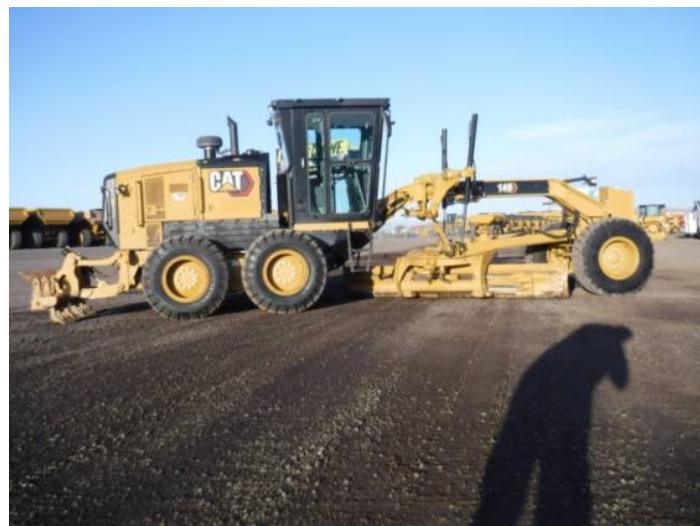
Notes - TIRES
both front tires have deep Cuts
on inner of tires.

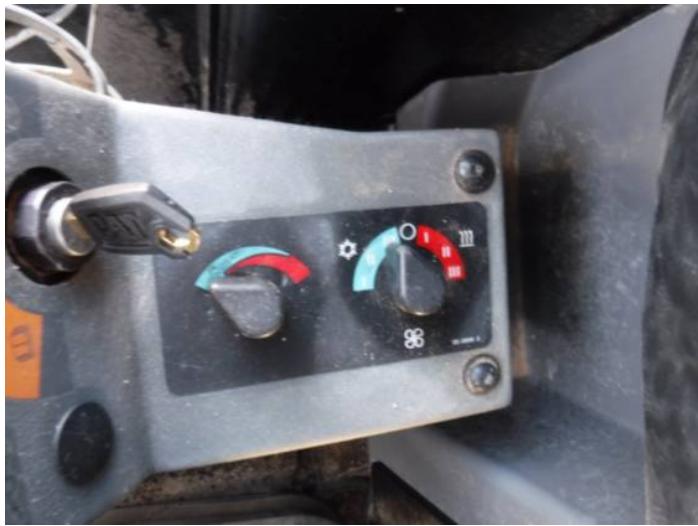
 2 Tire Size - TIRES
17.5-25

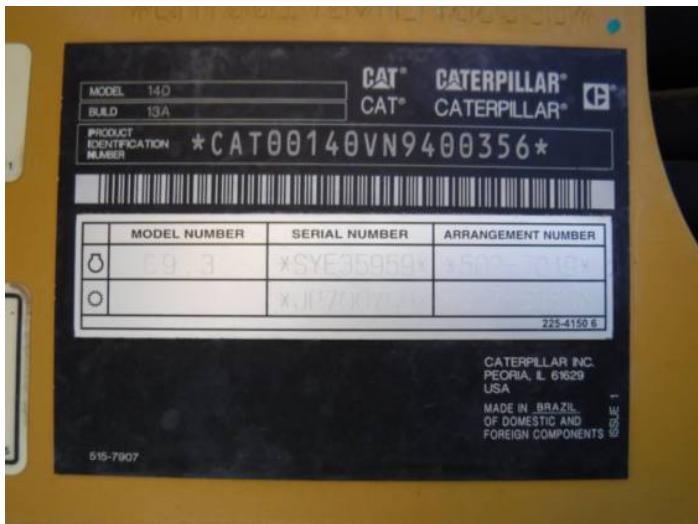
MARKETING PHOTOS (27)











LINE ITEM PHOTOS (45)

Draw Bar



draw bar



TABLE HAS MOVEMENT. WEAR
STRIPS ARE WORN



Camera(s)



Seat Belt / Date

●●●
JAN 2025



Safety Locks / Pins

YES



Air Conditioner

●●●



Heater / Defroster



Interior Lights



Seat Cushions / Suspension /

Type



Current O&MM

YES



Current Safety Manual

YES



Anti-Freeze Level / Color /

Condition



Red



Signal Lights

NO

Right side turn signal does not work needs checked and advised



Supplemental Steering



supplemental steering is not working



Tandem Housing / Drive Chains



walkway on left side tandem has dent



Cylinder Mounts / Pins



lift cylinder yokes have movement



Circle Frame



circle frame has cracks on left and right side



Circle Shoes / Inserts



circle shoe inserts are worn



Moldboard Tip Brackets /

Inserts



moldboard inserts are worn



Tip Bracket Pivots / Bearings



pivot tip bearings have movement



Shanks / Ripper (GET)



ripper G.E.T is worn



Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section
Left Center	Maxum ms301	34	94	NO	YES
					
					
Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section
Left Front	Maxum ms301	32	91	NO	YES
					



Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section
Left Rear	Maxum ms301	34	94	NO	YES



Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section
Right Center	Maxum ms301	34	94	NO	YES
					
					
Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section
Right Front	Maxum ms301	32	91	NO	YES
					



Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section	
Right Rear	Maxum ms301	34	94	NO	YES	YES



Notes - TIRES

both front tires have deep Cutts
on inner of tires.

