

2024 CAT 1415 MOTOR GRADERS

INSPECTION DETAILS

Inspection Type	Marketing
Inspection Form	Standard
Inspection #	10238151
Inspection Status	Completed
Created	10/07/25 12:39:53
Updated	10/09/25 09:07:07
Created By	Willis, Joseph
Inspector	Willis, Joseph
Reviewers	Willis, Joseph
Salesperson	Schultis, Derrick R.
Stock #	E208651
Serial #	EN400351
SMU / Hours	1,089
Location	Eloy, AZ, United States



FEATURES

General

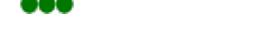
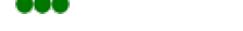
- **Air Conditioner**
- **Auto Shift**
- **Circle Clutch**
- **Differential Lock**
- **Guard, Transmission**
- **Mirrors**
- **Pushblock**
- **ROPS - Enclosed**
- **Tire Size**
- **Air Dryer**
- **Beacon**
- **Cross Slope**
- **Drive**
- **Hydraulic Valves**
- **Moldboard Size - 16'**
- **Radio - AM FM Radio**
- **Steering Type - Joystick**
- **Air Suspension Seat**
- **Cab Profile - Low**
- **Defroster Fan**
- **Ether Aid**
- **Lighting**
- **Product Link**
- **Ripper - Multi-Shank**
- **Throttle Lock**

Regulatory

- **Emissions Level - EPA - EPA**
TIER 4f
- **Regulatory Status - EPA / CARB / EU_China Export Only**
- **Ultra Low Sulfur Diesel Fuel**

Technology

- **Accugrade Ready**
technology added

CONDITION Good Fair Poor**Approved Repair****GENERAL CONDITION**Body
Frame - GENERAL CONDITION
General
ET Product Status Report
Download
YESLogged / Active Codes
NOMachine Starts and is Operable
YESS.O.S. (All Compartments)
NOTires are Aired Up and Drivable
YESVisible Oil Leaks
NO**GENERAL APPEARANCE**Battery Box
Bumper
Cab or Canopy
Crankcase Guard / Transmission
Guard
Decals
Draw Bar
Engine Enclosures
Fenders
Front Frame Welds
Fuel Tank
Grab Irons
Hood
Paint
Plastic (Exterior)
Pre-Cleaner Bowl
Radiator Grill
Rear Frame Welds
Sheet Metal
Steps / Ladder


Cleaning Required
NO

SAFETY ITEMS

Back Up Alarm


Beacon / Strobe


Camera(s)




Horn


ROPS


Seat Belt / Date

December 2023



Secondary Exit


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


81 AMBIENT TEMP AND 46 VENT TEMP

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



Visor / Sunshade



Windows



Windshield Wipers



Current O&MM

YES



Current Parts Manual

NO

Current Safety Manual

YES



ENGINE

Belts / Pulleys - ENGINE



Engine Oil Level / Condition



Engine Supports / Mounts



Exhaust / Muffler / Stack



Fuel Injection System



Governor



Operating Condition - ENGINE



Turbocharger / Blower



Blow By

NO

Fuel Leaks

NO

Knocking

NO

Oil Leaks

NO

Service Needed

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
Condition
Red

Belts / Pulleys - COOLING SYSTEM

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
●●●

11

Active Codes
NO

Ether Aid
YES

Jump Start Terminal
YES

Signal Lights
YES

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

Powershift
YES

Transmission - Noisy
NO

STEERING

Articulate P & B
●●●

King Pins
●●●

Lines / Fittings
●●●

Steering Cylinder
●●●

Steering Frame
●●●

Steering Linkage
●●●

Steering Operating Condition
●●●

Steering Pump
●●●

Steering Valve
●●●

Tie Rods / Rod Ends
●●●

Wheel / Joystick
●●●

Wheel Lean Cylinder - STEERING
●●●

BRAKE

Accumulators
●●●

Control Valve
●●●

Lines
●●●

Parking Brake Operation
●●●

Pedal
●●●

Service Brake Operation
●●●

DRIVECHAIN / TANDEMS

Differential
●●●

Differential Lock / Operation
●●●

Drivetrain / Tandem Leaks
●●●

Oscillating Hubs / Oil Level
●●●

Planetary
●●●

Tandem Housing / Drive Chains
●●●

Wheel Lugs & Rims
●●●

HYDRAULICS

Blade Cushion


Circle Drive Box


Circle Side Shift Cylinder


1

Cylinder Mounts / Pins


1

Hydraulic Lines / Fittings


Hydraulic Oil Filter Condition /
Service Hours



Has movement at both sides. Yokes
only.

Hydraulic Pump


Hydraulic Valves


Lift Cylinders


2

Linkage


Operating Condition -
HYDRAULICS



Pump Drive Shaft


Saddle Pin / Actuator


Side Shift Cylinder


1 Tank / Sight Glass / Cap


Tip Cylinder


1

Leaks - HYDRAULICS
NO

BLADE

Circle A Frame

has movement.

5

Circle Frame


Circle Shoes / Inserts


Cutting Edge


Cylinder Balls / Caps

has movement

3 Face / Moldboard


Frog / Base Edge


Moldboard Tip Brackets / Inserts


Ring Gear


Saddle


Tip Bracket Pivots / Bearings


RIPPER

Beam


Brackets / Studs


Cylinders


 1

Frame


Lines / Fittings - RIPPER


 2 Pins / Bushings


Shanks / Ripper (GET)


 2

Lower four are worn.

TIRES

	Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section
Left Center	Bridgestone	34	75	NO	YES	YES
Left Front	Bridgestone	38	82	NO	YES	YES
Left Rear	Bridgestone	33	72	NO	YES	YES
Right Center	Bridgestone	33	72	NO	YES	YES
Right Front	Bridgestone	38	80	NO	YES	YES
Right Rear	Ridgestone	33	72	NO	YES	YES

Radial
NO

Tire Size - TIRES
20.5R25

MARKETING PHOTOS (30)









