2012 CATERPILLAR 140M2 MOTOR GRADERS

INSPECTION DETAILS

Inspection Type	Marketing
Inspection #	2777352
Inspection Status	Inspected
Created	04/12/22 09:42:10
Updated	04/12/22 10:03:37
Created By	Willis, Joseph
Inspector	Willis, Joseph
Reviewers	Willis, Joseph
Salesperson	Schultis, Derrick R.
Stock #	E179780
Serial #	M9D01185
SMU / Hours	12,596
Location	Eloy , AZ, United States



CLIENT DETAILS

Name	Schultis, Derrick
Company	Empire Machinery
Address	3501 W. Houser Rd.
City	Eloy
State	Arizona
Country	United States
Postal Code	
Email	Derrick.schultis@empire-cat.com
Phone	602-622-4321

FEATURES

- 14' MOLDBOARD
- AIR SUSPENSION SEAT
- DEFROSTER FAN
- LIGHTING
- RIPPER, MULTI-SHANK
- ULTRA LOW SULFUR DIESEL FUEL
- ACCUGRADE READY
- AM FM RADIO
- EROPS
- MIRRORS
- THROTTLE LOCK
- VHP PLUS

- AIR CONDITIONER
- AUTO DIFFERENTIAL LOCK
- JOYSTICK STEERING
- PUSHBLOCK
- · TRANSMISSION GUARD

• Fair

Poor

Approved Repair

GENERAL APPEARANCE

••• Battery Box

••• Cab or Canopy

Crankcase Guard / Transmission Guard

Oecals
Scratches visible

••• Draw Bar

••• Engine Enclosures

••• Front Frame Welds

••• Fuel Tank

••• Grab Irons

••• Hood

Paint Scratches

••• Pre-Cleaner Bowl

Radiator Grill
 Pushed inward at bottom.

 Functional

••• Rear Frame Welds

••• Sheet Metal

••• Steps / Ladder

NO Cleaning Required

YES S.O.S. Taken
ENGINE TRANS AND
HYDRAULIC

SAFETY ITEMS

••• Back Up Alarm

••• Horn

••• Parking Brake - SAFETY ITEMS

Rear View Camera Camera is inoperable.

••• Safety Locks / Pins

••• Seat Belt / Date

YES ROPS Certification Plate

YES Safety Decals In Place / Legible

GAUGES, OPERATOR STATION, CONSOLE

Air Conditioner - COPERATOR STATION 62.8 AMBIENT TEMP	ON, CONSOLE	sh Console	••• Door Latches / Seals	
••• EMS Panel / Warn	ings ••• Flo	or Boards / Mats	•••	Gauges
••• Glass/Mirrors	●●● He	adliner		Heater 66.7 AMBIENT TEMP AND 106.3 VENT TEMP
Interior Lights Inoperable.	••• Me	eter Replaced / Working	•••	Monitoring Panel / Display
••• Radio Type & Con Amfm		at Cushion / Arm Rest iins		Seat Suspension Type / Condition Air
••• Switches	Re	ndshield Wipers ar motor is inoperable. ashers inoperable		
YES Current O&MM	YES Cu	rrent Safety Manual		
ENGINE				
••• Air Cleaners	••• An		•••	Engine Supports
••• Exhaust / Muffler	/ Stack ••• Fu	el Injection System	•••	Governor / Control
••• Operating Conditi	on - ENGINE ••• Tu	rbocharger / Blower		
NO Blow By	NO Co	empression in Radiator YE	ES	Fluid Levels OK?
NO Knocking	NO Oi	l Leaks N o	0	Water in Oil
Oil Pressure (H/L/N) Normal	Smoke C Normal	olor (B/D/L/W)		

EMISSIONS

DPF Condition / Hours Changed DPF #1 Last Ash Service Engine Lifetime Hours 3868.9 hours

COOLING SYSTEM

Belts / Pulleys - COOLING SYSTEM

••• Coolers

••• Fan

••• Fan Drive / Type

••• Hoses

Radiator

••• Shroud / Guards

••• Water Pump

NO Leaks

ELECTRICAL, STARTING AND CHARGING SYSTEM

••• Alternator

••• Batteries / Cables

••• Pre-Heater

••• Starter

••• Wiring

Work Lights

Right front head light is cracked and held in place with zip ties.

NO Active Codes

YES Signal Lights

TRANSMISSION

••• Case - TRANSMISSION

••• Controls - TRANSMISSION

••• Cooler

Lines / Fittings - TRANSMISSION

Operating Condition - TRANSMISSION

Pump - TRANSMISSION

••• Seals

••• Transmission - Forward Shifts

Transmission - Reverse Shifts

Valves

NO Leaks - TRANSMISSION

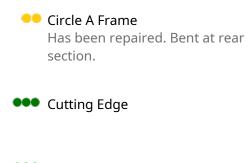
YES Powershift

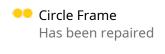
NO Transmission - Noisy

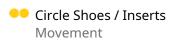
STEERING

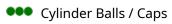
••• Articulate P & B	••• King Pins	••• Lines / Fittings
••• Steering Cylinder	••• Steering Frame	••• Steering Linkage
••• Steering Operating Condition	••• Steering Pump	••• Steering Valve
••• Tie Rods / Rod Ends	Wheel / Joystick Left side joystick boot is ripped	••• Wheel Lean Cylinder - STEERING
BRAKE		
••• Accumulators	••• Control Valve	••• Lines
••• Parking Brake Operation	••• Pedal	••• Service Brake Operation
DRIVECHAIN / TANDEMS		
••• Differential	••• Differential Lock / Operation	••• Drivetrain / Tandem Leaks
••• Planetary	••• Tandem Housing / Drive Chains	••• Wheel Lugs & Rims
HYDRAULICS		
••• Blade Cushion	••• Circle Drive Box	••• Circle Side Shift Cylinder
Cylinder Mounts / Pins Slight movement	••• Hydraulic Lines / Fittings	••• Hydraulic Pump
••• Hydraulic Valves	••• Lift Cylinders	••• Linkage
Operating Condition - HYDRAULICS	••• Pump Drive Shaft	••• Saddle Pin / Actuator
Side Shift Cylinder Chrome has wear spots.	••• Tank / Sight Glass / Cap	••• Tip Cylinder
NO Leaks - HYDRAULICS		

BLADE









Face / Moldboard
Worn

••• Frog / Base Edge ••• Moldboard Tip Brackets /
Inserts

••• Ring Gear

••• Saddle

••• Tip Bracket Pivots / Bearings

RIPPER

Beam ••• Cylinders ••• Frame

Pins / Bushings

Slight movement

Shanks / Ripper (GET) Worn functional has bolt for keeper on right ripper. Has 4 rippers.

Shanks / Scarifier (GET)
Slightly Worn functional. 2

shanks are in tool box

••• Lines / Fittings - RIPPER

TIRES

	Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section
Left Center	Firestone	15	45	NO	YES	YES
Left Front	Bridgestone	20	59	NO	YES	YES
Left Rear	Yokohama	13	39	NO	YES	YES
Right Center	Michelin	15	45	NO	YES	YES
Right Front	Yokohama	26	77	NO	YES	YES
Right Rear	Yokohama	13	39	NO	YES	YES

YES Bias YES Radial

Average Life Remaining - TIRES 50%

Notes - TIRES The 2 center tires are radial Tire Size - TIRES 17.5-25

MARKETING PHOTOS (25)

















































CONDITION PHOTOS (2)

Air Conditioner - GAUGES,
 OPERATOR STATION, CONSOLE
 62.8 AMBIENT TEMP AND 45.0
 AMBIENT TEMP



••• Heater
66.7 AMBIENT TEMP AND 106.3
VENT TEMP

