

# 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                | • ACCUGRADE READY | • AIR CONDITIONER        |
| • AIR SUSPENSION SEAT          | • AM FM RADIO     | • AUTO DIFFERENTIAL LOCK |
| • DEFROSTER FAN                | • EROPS           | • JOYSTICK STEERING      |
| • LIGHTING                     | • MIRRORS         | • PUSHBLOCK              |
| • RIPPER, MULTI-SHANK          | • THROTTLE LOCK   | • TRANSMISSION GUARD     |
| • ULTRA LOW SULFUR DIESEL FUEL | • VHP PLUS        |                          |

## CONDITION

●●● Good

●● Fair

● Poor

Approved Repair

## GENERAL APPEARANCE

●●● Battery Box

●●● Cab or Canopy

●●● Crankcase Guard /  
Transmission Guard

●● Decals  
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 - GAUGES,  
OPERATOR STATION, CONSOLE  
62.8 AMBIENT TEMP AND 45.0  
AMBIENT TEMP

●●● Dash Console

●●● Door Latches / Seals

●●● EMS Panel / Warnings

●●● Floor Boards / Mats

●●● Gauges

●●● Glass/Mirrors

●●● Headliner

●●● Heater  
66.7 AMBIENT TEMP AND 106.3  
VENT TEMP

●●● Interior Lights  
Inoperable.

●●● Meter Replaced / Working

●●● Monitoring Panel / Display

●●● Radio Type & Condition  
Amfm

●●● Seat Cushion / Arm Rest  
Stains

●●● Seat Suspension Type /  
Condition  
Air

●●● Switches

●●● Windshield Wipers  
Rear motor is inoperable.  
Washers inoperable

**YES** Current O&MM

**YES** Current Safety Manual

## ENGINE

●●● Air Cleaners

●●● Anti-Freeze Color / Level  
Red

●●● Engine Supports

●●● Exhaust / Muffler / Stack

●●● Fuel Injection System

●●● Governor / Control

●●● Operating Condition - ENGINE

●●● Turbocharger / Blower

**NO** Blow By

**NO** Compression in Radiator

**YES** Fluid Levels OK?

**NO** Knocking

**NO** Oil Leaks

**NO** Water in Oil

Oil Pressure (H/L/N)  
Normal

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

## EMISSIONS

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

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## COOLING SYSTEM

●●● Belts / Pulleys - COOLING  
SYSTEM

●●● Coolers

●●● Fan

●●● Fan Drive / Type

●●● Hoses

●●● Radiator

●●● Shroud / Guards

●●● Water Pump

**NO** Leaks

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## 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

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## 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

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## 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

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## BRAKE

●●● Accumulators

●●● Control Valve

●●● Lines

●●● Parking Brake Operation

●●● Pedal

●●● Service Brake Operation

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## DRIVECHAIN / TANDEM

●●● Differential

●●● Differential Lock / Operation

●●● Drivetrain / Tandem Leaks

●●● Planetary

●●● Tandem Housing / Drive Chains

●●● Wheel Lugs & Rims

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## 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

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## BLADE

●● Circle A Frame  
Has been repaired. Bent at rear section.

●● Circle Frame  
Has been repaired

●● Circle Shoes / Inserts  
Movement

●●● Cutting Edge

●●● Cylinder Balls / Caps

●● Face / Moldboard  
Worn

●●● Frog / Base Edge

●●● Moldboard Tip Brackets / Inserts

●●● Ring Gear

●●● Saddle

●●● Tip Bracket Pivots / Bearings

## RIPPER

●●● Beam

●●● Cylinders

●●● Frame

●●● Lines / Fittings - RIPPER

●● 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

## 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)















CATERPILLAR BRASIL LTDA  
RUA LUIZ BORGES, 400 - JARDIM - 05070-000 SÃO PAULO - SP  
CNPJ 06.918.042/0001-00  
CNPJ 06.918.042/0001-00

\*CAT0140MJM9001185\*

MODEL NUMBER	140M2	CAT CATERPILLAR	CAT CATERPILLAR
*CAT0140MJM9001185*			
			
MODEL NUMBER	SERIAL NUMBER	ARRANGEMENT NUMBER	
0	0140MJM9001185	0140MJM9001185	
0	0140MJM9001185	0140MJM9001185	

CATERPILLAR INC.  
PEORIA, IL 61659  
USA  
MADE IN  
CHINA  
370-0000 0



3/24/2022 9:30

## 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

