



Inspection Report (Motor Grader)

General Info

B&B Stock Number	A6753886
Year	2013
Make	Caterpillar
Model	140M2
Serial Number	M9D01452
Serial Plate Photo	
Hour Meter Reading	8942
Hour Meter Photo	
Previous Application (e.g., earth moving, mining, demolition, etc)	Marana,Az

Dimensions

A. Length (ft and inches)	29.2
B. Width (ft and inches)	8.47
C. Height (ft and inches)	10.79
Operational Weight (lbs)	45652

Features and Configuration

Blade	Yes
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Blade Type	S
Push Block	No
Front Lift Group	No
Front-Mounted Scarifier	No
Mid-Mount Scarifier	No
Rear Ripper/Scarifier	Yes
Snow Wing	No
Windrow Eliminator	No
Heat	Yes
A/C	Yes
Radio	Yes
Backup Camera	Yes
GPS/Grade Control System	Yes
Details/Inclusions	GPS/Grade Control System NOT included with Machine
Telematics	No
Other Configuration Details / Notes	GPS/grade control system NOT included with the machine sale.
OMM (Operator & Maintenance Manual)	No

Exterior Walkaround Photos

360 Walkaround & Operating Video

Walkaround Photos & Operating Video

Exterior Walkaround Photos



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Operating Video

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General Appearance Inspection Points

General Appearance

General Appearance Photos

Close-up Exterior Photos



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General Appearance Inspection Points

Inspection Rating Criteria	Rating Scale	Explanation
	1 - Service Required	Requires immediate repairs to function as expected.
	2 - Above Average Wear & Tear	Exhibits greater wear than expected given age and usage. While operable, further diagnosis may be needed.
	3 - Normal Wear & Tear	Exhibits wear that is consistent with age and usage. Operation is normal, and as expected.
	4 - Very Light or Minimal Wear	Exhibits very minimal wear. Operation is better than expected given age and usage.
	5 - Like New, Recently Replaced	Excellent condition, free of visible wear or damage. Operation is within factory specifications.
Body Panels	3 - Normal Wear & Tear	
Body Panel Condition	Visible chipped paint or dents	
Doors / Canopy Latches	3 - Normal Wear & Tear	
Doors / Canopy Latches Condition	No visible damage	
Steps / Ladders	3 - Normal Wear & Tear	
Steps / Ladders Condition	Steps/ladders are fully intact and appear structurally sound	
Handrails	3 - Normal Wear & Tear	
Handrails Condition	Handrails are fully intact and appear structurally sound	
Glass	3 - Normal Wear & Tear	
Glass Condition	Glass intact, no visible damage	
Mirrors	3 - Normal Wear & Tear	
Mirror Condition	Mirrors present and intact, no visible damage	
Exterior Lights	3 - Normal Wear & Tear	
Exterior Lights Condition	No visible damage, lighting system is operational	
Overall Exterior	3 - Normal Wear & Tear	
Comments	Good	

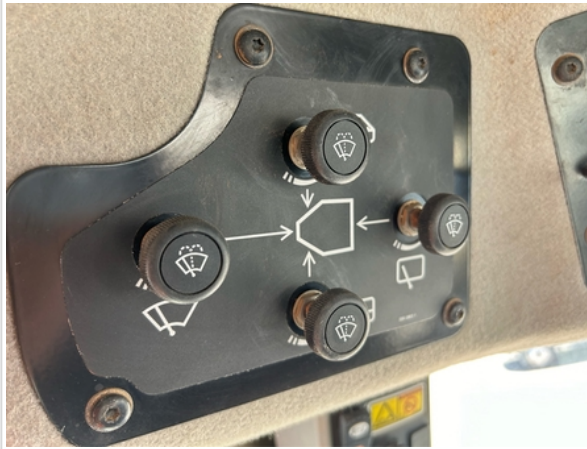
Control Station Inspection Points

Control Station

Control Station Photos

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Control Station Photos






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Control Station Type	Enclosed Cab (EROPS)
Control Type	Lever Controls

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Control Configuration	Other
Seat	3 - Normal Wear & Tear
Seat Condition	Seat(s) in good condition, no stains or tears in upholstery
Cabin Lights	3 - Normal Wear & Tear
Cabin Lights Condition	Cabin lights are installed with all light covers in place, bulbs are installed and working properly
Safety Lock Out / Stop	3 - Normal Wear & Tear
Safety Lock Out / Stop Condition	Safety lock out device is present, in good condition, and functional
Controls & Switches	3 - Normal Wear & Tear
Controls & Switches Condition	All switches are installed and functional
Hour Meter Activity	3 - Normal Wear & Tear
Hour Meter Condition	Hour meter is functional and in good condition
Other Gauge Activity	3 - Normal Wear & Tear
Other Gauge Condition	All cockpit gauges are functional and in good condition
Heater & A/C	3 - Normal Wear & Tear
Heater & A/C Condition	Heater and A/C work as expected
Horn	3 - Normal Wear & Tear
Horn Condition	Horn is installed and functioning as expected
Backup Camera	3 - Normal Wear & Tear
Backup Camera Condition	Back up camera is installed and functioning as expected
Control Station Overall Rating	3 - Normal Wear & Tear

Engine Info & Inspection Points

Engine

Engine Compartment Photos

Engine Data Plate



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Engine Compartment Photos



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Engine Type (Make, Model, Cylinders, Hp)	C-9.3 Acert
Emissions Tier	Tier 4i
Engine Fuel Type	Diesel
Blow-by (Visual Observation Check)	No
Unusual Noises (Upon Start-up, Idle, Shutdown)	No
Engine Smoke (Upon Start-up, Idle, Shutdown)	No
Engine Exhaust Color	Clear
Battery	3 - Normal Wear & Tear
Battery Condition	Clean & dry appearance, tight connections
Radiator	3 - Normal Wear & Tear
Radiator Condition	Radiator fins & components appear to be in good working order, no signs of damage or leaks
Belts	3 - Normal Wear & Tear
Belt Condition	Belts appear in good condition & alignment with proper tension
Hoses	3 - Normal Wear & Tear


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Hose Condition	Firm, pliant hoses with no signs of wear or leaks
Cooling System Leaks	No
Coolant Appearance	3 - Normal Wear & Tear
Coolant Appearance Notes	Normal Translucent appearance, no visual signs of contamination
Oil Appearance	3 - Normal Wear & Tear
Oil Appearance Notes	Appropriate oil level
Fuel Leaks	No
Equipped with DPF (Diesel Particulate Filter)	No
Requires DEF (Diesel Exhaust Fluid)	No
Overall Engine Rating	3 - Normal Wear & Tear
Overall Engine Appearance	Dusty & dry
Overall Engine Comments	Good

Drivetrain Inspection Points

Drivetrain

Drivetrain Inspection Points

Drivetrain Photos	
Drive Type	AWD
Transmission Components	3 - Normal Wear & Tear
Parking Brake	3 - Normal Wear & Tear
Overall Drivetrain Rating	3 - Normal Wear & Tear
Overall Drivetrain Comments	Good
Rear Tandems (Chain Drives) Condition	3 - Normal Wear & Tear
Rear Drive Axle	3 - Normal Wear & Tear

Chassis Inspection Points


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Frame	3 - Normal Wear & Tear
Y-Frame Pivot Trunnion	3 - Normal Wear & Tear
Blade Tilt Frame (Saddle)	3 - Normal Wear & Tear
Articulation Joint	3 - Normal Wear & Tear
Belly Pans	3 - Normal Wear & Tear
Circle Frame & Bracket	3 - Normal Wear & Tear
Circle Gearbox	3 - Normal Wear & Tear
Circle Gear	3 - Normal Wear & Tear
Circle Wear Strips	3 - Normal Wear & Tear
Pinion Seals	3 - Normal Wear & Tear
Articulating Center Pins	3 - Normal Wear & Tear
Front Axle Oscillating Pin	3 - Normal Wear & Tear
Steering Linkage	3 - Normal Wear & Tear
Wheel Tilt Linkage	3 - Normal Wear & Tear
Overall Chassis	3 - Normal Wear & Tear
Overall Chassis Comments	Good




Wheels & Tires Inspection Points

Wheels & Tires

Wheels & Tires Inspection Points

Wheel Type	Pneumatic
Wheel Seal Leaks	No
Tire Brand	Yokohama
Tire Size	17.5. X 25
Front Left Tire - Ratio Remaining	50%
Front Left Tire Photos	
Front Right Tire - Ratio Remaining	50%

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Front Right Tire Photos	
Rear Right Tire - Ratio Remaining	50%
Rear Right Tire Photos	
Rear Left Tire - Ratio Remaining	50%
Rear Left Tire Photos	
Wheels & Hubs	3 - Normal Wear & Tear
Comments	Good

Hydraulics Overall Inspection Points

Hydraulics - Overall


Hydraulic System Inspection Points

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Hydraulic System Photos



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Wet or Damp Hydraulic Lines / Fittings	No
Hydraulic Lines/Fittings	3 - Normal Wear & Tear
Hydraulic Lines / Fittings Condition	Hydraulic lines & fittings are clean and in good condition
Hydraulic Pump(s)	3 - Normal Wear & Tear
Unusual Noises	No
Hydraulic Pump Notes	No unusual noises heard during operation

Hydraulic Cylinder Inspection Points

Hydraulic Cylinder Photos	
	



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Mounting Pins	3 - Normal Wear & Tear
Cylinder Oil Leaks	No
Comments	Good
Hydraulic System Overall	3 - Normal Wear & Tear

Attachment Inspection Points

Attachments

Additional Attachments

Attachment Type	Ripper
Attachment Condition	3 - Normal Wear & Tear
Attachment Photos	 

Inspection Report (Motor Grader)



Functional Test

Functionality Assessment

Functionality Assessment

Engine	3 - Normal Wear & Tear
Transmission/Drivetrain	3 - Normal Wear & Tear
Travel (Forward/Reverse/Steering)	3 - Normal Wear & Tear
Brakes	3 - Normal Wear & Tear
Hydraulic System	3 - Normal Wear & Tear
Electric Operating System	3 - Normal Wear & Tear
Controls	3 - Normal Wear & Tear
Safety Systems	3 - Normal Wear & Tear
Core Functions	3 - Normal Wear & Tear
Attachments	3 - Normal Wear & Tear
Overall Functional Test Comments	Good

Inspection Summary

Overall Assessment

Inspection Rating Criteria	Rating Scale	Explanation
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Exterior Rating	3 - Normal Wear & Tear	
Interior Rating	3 - Normal Wear & Tear	



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Safety Rating	3 - Normal Wear & Tear
Quality Rating	3 - Normal Wear & Tear
Functionality Rating	3 - Normal Wear & Tear
Overall Rating	3 - Normal Wear & Tear
What's Great About the Machine	In good working order.
What Needs Work	No evidence
Date/Time	07-22-2024
Inspector Name	Terry Price