

2016 CAT 160M3AWD MOTOR GRADERS

INSPECTION DETAILS

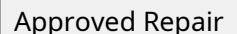
Inspection Type	Consignment
Inspection Form	Standard
Inspection #	10161075
Inspection Status	Inspected
Created	11/05/24 05:47:50
Updated	11/06/24 07:06:19
Created By	Fuentes, David A.
Inspector	Fuentes, David A.
Reviewers	Fuentes, David A.
Salesperson	Schultis, Derrick R.
Transmission Serial #	CM301687
Engine Serial #	SYE07303
Last Preventative Maintenance	May 02, 2024
Serial #	N9T00152
SMU / Hours	11,661
Location	AZ, United States



FEATURES

General

- **Air Conditioner**
- **Defroster Fan**
- **Mirrors**
- **Radio**
- **ROPS**
- **Tire Size**
- **Air Suspension Seat**
- **Guard, Transmission**
- **Moldboard Size - 16'**
- **Rear Window Defrost**
- **Steering Type - Joystick**
- **Circle Clutch**
- **Lighting**
- **Pushblock**
- **Ripper**
- **Throttle Lock**

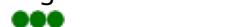
CONDITION Good Fair Poor Approved Repair**GENERAL CONDITION**Body


Frame - GENERAL CONDITION

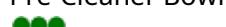
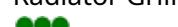
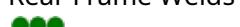
 2General


Front frame is cracked

ET Product Status Report
Download
YESLogged / Active Codes
NOMachine Starts and is Operable
YESTires are Aired Up and Drivable
YESVisible Oil Leaks
YES**GENERAL APPEARANCE**Battery Box
Cab or Canopy
Crankcase Guard / Transmission
Guard
Decals

Decals are peelingDraw Bar
Engine Enclosures
Fiberglass

Both rear fiberglass access covers are
brokenFront Frame Welds

Front frame is cracked in front of lift
cylinders 2
Fuel Tank
Grab Irons
Hood
Paint
Pre-Cleaner Bowl
Radiator Grill
Rear Frame Welds
Sheet Metal

Multiple pieces of sheet metal are
missing hardware.Steps / Ladder

Both rear steps on the tandems are
bent 2

Cleaning Required
NO

SAFETY ITEMS

Back Up Alarm


Camera(s)


Fire Extinguisher


Horn


ROPS


Seat Belt / Date




Seat belt latch is broken, and date tags are outdated 06/15

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


A/C blowing hot vent temperature 74°
Ambient temperature 72 Cap missing
on high side Schrader valve



Armsrests


Armsrests for hydraulic controls are
showing metal.



Cab Filter / Heat Vent Louvres


Dash Console


Door Latches / Hinges / Seals




Floor Boards / Mats


Gauges


Headliner


Heater / Defroster




Hour Meter - GAUGES,
OPERATION STATION, CONSOLE

11661 hours

Hydraulic Controls


Left boot is ripped

Interior Lights


Interior Plastic / Fabric



Mirrors



Monitoring Display



Pans/Guards



Radio



Seat Cushions / Suspension /

Type



Both seat cushions are ripped



Switches



Transmission Controls



1

Windows



Both side cab windows are tinted halfway down.

Windshield Wipers



Front windshield not working

Current O&MM

YES

Current Safety Manual

YES

Sound Proofing

YES

Diesel Exhaust Fluid (DEF) Level -
OPERATOR STATION

90%

Fuel Level - OPERATOR STATION

25%

ENGINE

Belts / Pulleys - ENGINE



Engine Oil Level / Condition



Engine oil filter housing is leaking

Engine Supports / Mounts



Exhaust / Muffler / Stack



Fuel Injection System



Governor



Intake / Air Filters



Operating Condition - ENGINE



Turbocharger / Blower



Apparent Other Engine Damage

NO

Blow By

NO

Emissions Decal Legible

YES

Fuel Leaks

NO

Has Engine been rebuilt?

NO

Knocking

NO

Oil Leaks
NO

Service Needed
YES

Water in Oil
NO

Engine S/N
SYE07303

Hours On Engine
11661

Oil Pressure (H/L/N)
Normal

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

COOLING SYSTEM

Anti-Freeze Level / Color /
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


Starter


Wiring


Work Lights

Right top outside cab light not
working

Active Codes
NO

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


Auto Shift
NO

Leaks - TRANSMISSION
NO

Powershift
YES

Transmission - Noisy
NO

ALL WHEEL DRIVE

All Wheel Drive Lines / Fittings  3
Hoses are all showing metal not leaking

All Wheel Drive Operating Condition


All Wheel Drive Valve


Controls / Settings


Drive Motors 
Left front is leaking

Final Drives / Oil Levels


Pump


STEERING

Articulate P & B


King Pins


Lines / Fittings


Steering Cylinder


Steering Frame


Steering Linkage


Steering Operating Condition



Tie Rods / Rod Ends



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



Oscillating Hubs / Oil Level



Planetary



Tandem Housing / Drive Chains



Wheel Lugs & Rims



HYDRAULICS

Blade Cushion



Circle Drive Box



Circle Side Shift Cylinder



Cylinder Mounts / Pins



Hydraulic Lines / Fittings



Hydraulic Pump



Hydraulic Valves



Ripper valve chatters when rippers are going up (Need to check pressures)

Lift Cylinders



Linkage



Operating Condition -
HYDRAULICS



Saddle Pin / Actuator



Side Shift Cylinder



Tank / Sight Glass / Cap



Tip Cylinder



Leaks - HYDRAULICS

NO

BLADE

Circle A Frame



Circle Frame



Circle Shoes / Inserts



Cutting Edge



Cylinder Balls / Caps



Face / Moldboard



All balls and caps are worn with movement

Frog / Base Edge



Moldboard Tip Brackets / Inserts



Ring Gear



All slide brass is worn with excessive movement

Saddle



Tip Bracket Pivots / Bearings



RIPPER

Beam



Brackets / Studs



Cylinders



Frame



Lines / Fittings - RIPPER



Pins / Bushings



Shanks / Ripper (GET)



Center tip retainer pin is broken

Shanks / Scarifier (GET)



SCARIFER

Scarifer Notes

No scarifier shanks

TIRES

	Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section
Left Center	Michelin	23	57.50	NO	YES	NO
Left Front	Michelin	24	60.00	NO	YES	NO
Left Rear	Michelin	36	90.00	NO	YES	NO
Right Center	Michelin	19	47.50	NO	YES	NO
Right Front	Michelin	19	47.50	NO	YES	NO
Right Rear	Michelin	24	60.00	NO	YES	NO

Radial
YES

Average Life Remaining - TIRES
60.42%

Tire Size - TIRES
550/65R 25

MARKETING PHOTOS (7)

