



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



Front frame is cracked



General



ET Product Status Report
Download
YES

Logged / Active Codes
NO

Machine Starts and is Operable
YES

Tires are Aired Up and Drivable
YES

Visible Oil Leaks
YES

GENERAL APPEARANCE

Battery Box



Cab or Canopy



Crankcase Guard / Transmission
Guard



Decals



Decals are peeling

Draw Bar



Engine Enclosures



Fiberglass



Both rear fiberglass access covers are
broken

Front Frame Welds



Front frame is cracked in front of lift
cylinders



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



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Horn ●●●	ROPS ●●●	Seat Belt / Date ●● Seat belt latch is broken, and date tags are outdated 06/15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 temperature72 Cap missing on high side Schrader valve	●1	Armrests ●● Armrests for hydraulic controls are showing metal.	●1	Cab Filter / Heat Vent Louvres ●●●
Dash Console ●●●		Door Latches / Hinges / Seals ●● Both door seals are coming off need replaced	●1	Floor Boards / Mats ●●●
Gauges ●●●		Headliner ●●●		Heater / Defroster ●●● Vent temperature 126° Ambient temperature73
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



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 ●● Hoses are all showing metal not leaking	📷3	All Wheel Drive Operating Condition ●●●	All Wheel Drive Valve ●●●
Controls / Settings ●●●		Drive Motors ●● Left front is leaking	📷1
Pump ●●●			Final Drives / Oil Levels ●●●

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

All balls and caps are worn with movement


Face / Moldboard


Frog / Base Edge


Moldboard Tip Brackets / Inserts

All slide brass is worn with excessive movement


Ring Gear


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)

