

**2004 CATERPILLAR
12HNA
MOTOR GRADERS**

Inspection Type: CUSTOMER
Inspection #:
Inspection Status: CREATED
Created: 05/14/18 13:09:45
Updated: 05/21/18 13:38:53
Created By:
Inspector:
Salesperson:

Serial #: AMZ00545
SMU / Hours: 13,091

Transmission Serial #: PBS01044
Engine Serial #: 4ZF13024



FEATURES

- 14' MOLDBOARD
- BEACON
- DEFROSTER FAN
- ETHER AID
- MIRRORS
- AIR CONDITIONER
- BLADE EXTENSION
- DIFFERENTIAL LOCK
- HIGH PROFILE CAB/ROPS
- VARIABLE HORSEPOWER
- AM FM RADIO
- CIRCLE CLUTCH
- EROPS
- LIGHTING
- VHP PLUS

CONDITION

●●● Good

●● Fair

● Poor

GENERAL APPEARANCE

- Battery Box
- Crankcase Guard / Transmission Guard
- Front Frame Welds
- Hood

- Rear Frame Welds

YES Cleaning Required

- Bumper
- Decals Worn
- Fuel Tank
- Paint Worn and a lot of surface rust
- Sheet Metal

YES S.O.S. Taken

- Cab or Canopy
- Draw Bar
- Engine Enclosures
- Grab Irons
- Pre-Cleaner Bowl
- Radiator Grill
- Steps / Ladder

Notes - GENERAL APPEARANCE
Machine will need cleaned. Machine is straight with worn paint and surface rust

SAFETY ITEMS

- Back Up Alarm
- Parking Brake - SAFETY ITEMS

YES ROPS

- Beacon / Strobe
- Safety Locks / Pins

YES ROPS Certification Plate

- Horn
- Seat Belt / Date

YES Safety Decals In Place / Legible

GAUGES, OPERATOR STATION, CONSOLE

- Air Conditioner - GAUGES, OPERATOR STATION, CONSOLE

- Headliner
- Meter Replaced / Working
- Seat Suspension Type / Condition

- Dash Console
- EMS Panel / Warnings
- Gauges

- Heater
- Radio Type & Condition
- Switches

- Door Latches / Seals
- Floor Boards / Mats
- Glass/Mirrors
Right mirror is cracked and will need replaced
- Interior Lights
- Seat Cushion / Arm Rest
- Windshield Wipers

ENGINE

- Air Cleaners
- Exhaust / Muffler / Stack
- Operating Condition - ENGINE

YES Blow By Normal
NO Oil Leaks

- Anti-Freeze Color / Level
- Fuel Injection System
- Turbocharger / Blower

NO Compression in Radiator
YES Fluid Levels OK?
NO Water in Oil

- Engine Supports
- Governor / Control

YES EPA Decal Legible
NO Knocking

Notes - ENGINE
Engine has good power

Oil Pressure (H/L/N)
Normal

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

COOLING SYSTEM

- Belts / Pulleys - COOLING SYSTEM
- Radiator

- Coolers
- Fan Drive / Type
- Shroud / Guards

- Fan
- Hoses
- Water Pump

NO Leaks

Notes - COOLING SYSTEM
Cools normal

ELECTRICAL, STARTING AND CHARGING SYSTEM

- Alternator
- Wiring

- Batteries / Cables
- Work Lights

- Starter

YES Block Heater

YES Ether Aid

YES Signal Lights

TRANSMISSION

- Case - TRANSMISSION
- Lines / Fittings - TRANSMISSION
- Temp / Pressure Gauges
- Valves

- Controls - TRANSMISSION
- Operating Condition - TRANSMISSION
- Transmission - Forward Shifts

- Cooler
- Pump - TRANSMISSION
- Seals
- Transmission - Reverse Shifts

NO Auto Shift

NO Leaks - TRANSMISSION

YES Powershift

NO Transmission - Noisy

Notes - TRANSMISSION
Transmission functions normal

STEERING

- Articulate P & B
- Steering Column / Tilt
- Steering Linkage
- Steering Valve
- Wheel / Joystick

- King Pins
- Steering Cylinder
- Steering Operating Condition
- Supplemental Steering
- Wheel Lean Cylinder - STEERING

- Lines / Fittings
- Steering Frame
- Steering Pump
- Tie Rods / Rod Ends

Notes - STEERING
Steering functions normal

BRAKE

- Accumulators
- Lines
- Service Brake Operation

- Brake Linkage
- Parking Brake Operation

- Control Valve
- Pedal

Notes - BRAKE
Brakes are functional

DRIVECHAIN / TANDEMS

- Differential
- Oscillating Hubs / Oil Level
- Wheel Lugs & Rims
- Differential Lock / Operation
- Planetary
- Drivetrain / Tandem Leaks
- Tandem Housing / Drive Chains

HYDRAULICS

- Circle Drive Box
- Hydraulic Lines / Fittings
- Lift Cylinders
- Pump Drive Shaft
- Tank / Sight Glass / Cap
- Circle Side Shift Cylinder
- Hydraulic Pump
- Linkage
- Saddle Pin / Actuator
- Tip Cylinder
- Cylinder Mounts / Pins
- Hydraulic Valves
- Operating Condition - HYDRAULICS
- Side Shift Cylinder

NO Leaks - HYDRAULICS

Notes - HYDRAULICS

Hydraulics function normal

BLADE

- Circle A Frame
- Cutting Edge
- Frog / Base Edge
- Circle Frame
- Cylinder Balls / Caps
- Moldboard Tip Brackets / Inserts
Inserts are loose and need replaced
- Circle Shoes / Inserts
- Face / Moldboard
Back side of blade is cracked a extension
- Ring Gear
- Tip Bracket Pivots / Bearings

Notes - BLADE

Crack in blade needs repaired and moldboard slide inserts need replaced. The rest of the joints are tight.

TIRES

	Make / Serial Number	Tread Depth In 1 / 32"	Percent Life Remaining	Recapped	Tread Cuts / Chunks	Side Cuts Section
Left Center	Michelin	15	50	NO	NO	NO
Left Front	Michelin	0	0	NO	NO	NO
Left Rear	Michelin	10	33	NO	NO	NO
Right Center	Michelin	15	50	NO	NO	NO
Right Front	Michelin	0	0	NO	NO	NO
Right Rear	Michelin	15	50	NO	NO	NO

YES Radial

Tire Size - TIRES

14.00R24

COMMENTS, MISC. REPAIRS, GENERAL REMARKS

comment 1

Machine operates good and looks a little ruff. Machine will need cleaned, a level 4PM service, right mirror needs replaced, crack in blade needs repaired, and inserts for blade slide need replaced.

PHOTOS (3)

