# 2002 CATERPILLAR 140HNA MOTOR GRADERS

## **INSPECTION DETAILS**

Serial # 2ZK
SMU / Hours 9,959



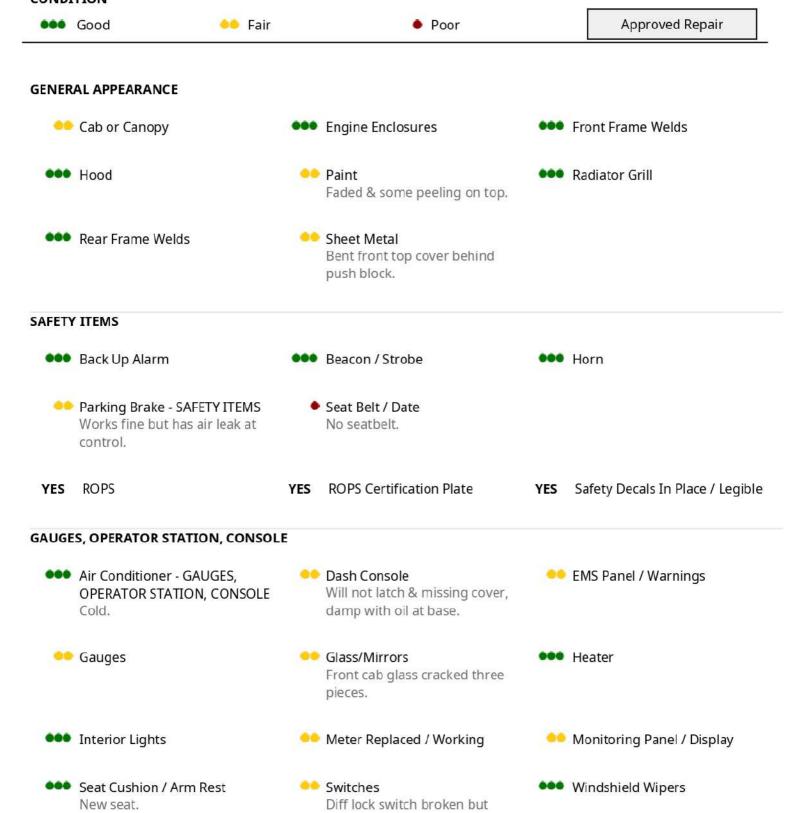
## **FEATURES**

- · 14' MOLDBOARD
- BEACON
- · LIGHTING
- RIPPER

- AIR CONDITIONER
- DIFFERENTIAL LOCK
- MIRRORS

- · AM FM RADIO
- EROPS
- PUSHBLOCK

## CONDITION



functional.

## ENGINE

Anti-Freeze Color / Level

••• Exhaust / Muffler / Stack New stack. Operating Condition - ENGINE

NO Blow By

NO Compression in Radiator

NO EPA Decal Legible

YES Fluid Levels OK?

NO Knocking

NO Oil Leaks

NO Water in Oil

Notes - ENGINE 5000 hours on new engine ( as per customer ), runs good. Oil Pressure (H/L/N) N Smoke Color (B/D/L/W)

## COOLING SYSTEM

Belts / Pulleys - COOLING SYSTEM Wear.

Hoses

••• Radiator

NO Leaks

## **ELECTRICAL, STARTING AND CHARGING SYSTEM**

••• Alternator ••• Batt

Batteries / Cables Starter

••• Wiring

••• Work Lights

NO Active Codes

YES Signal Lights

## **TRANSMISSION**

Case - TRANSMISSION

Controls - TRANSMISSION

Operating Condition - TRANSMISSION

••• Transmission - Forward Shifts

Transmission - Reverse Shifts

YES Leaks - TRANSMISSION Right rear.

NO Transmission - Noisy

### Notes - TRANSMISSION

Shifts ok all gears.

## **STEERING** Articulate P & B King Pins Steering Column / Tilt Slack. Will not latch. Steering Cylinder Steering Frame Steering Linkage Steering Operating Condition Tie Rods / Rod Ends ••• Wheel Lean Cylinder - STEERING **BRAKE** Control Valve Compressor ••• Parking Brake Operation Air leak. ••• Pedal Service Brake Operation **DRIVECHAIN / TANDEMS** ••• Differential Differential Lock / Operation Tandem Housing / Drive Chains ••• Wheel Lugs & Rims **HYDRAULICS** ••• Circle Drive Box ••• Circle Side Shift Cylinder Cylinder Mounts / Pins Slack. ••• Lift Cylinders ••• Operating Condition -Side Shift Cylinder **HYDRAULICS** ••• Tank / Sight Glass / Cap ••• Tip Cylinder Notes - HYDRAULICS Several seeps on some cyls & valve banks under cab.

## BLADE



Notes - BLADE 14' blade.

### **RIPPER**

Cylinders Lines / Fittings - RIPPER Pins / Bushings

Shanks / Ripper (GET)

### **TIRES**

	Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section
Left Center	TITAN		40	NO	NO	NO
Left Front	MAXURO		20	NO	NO	NO
Left Rear	TITAN		20	NO	NO	NO
Right Center	TRIANGLE		50	NO	NO	NO
Right Front	TRIANGLE		20	NO	NO	NO
Right Rear	<b>TITAN 2620</b>		90	NO	NO	NO

YES Radial

Notes - TIRES Tire Size - TIRES 17.5R25

Left front tire is nylon.

## COMMENTS, MISC. REPAIRS, GENERAL REMARKS

## comment 1

Faded paint & sheet metal ok, front top cover bent.

## comment 2

Operator station o k, cold a/c, air leak at parking brake control, column tilt will not lock & damp with oil at base, new seat, no seatbelt, front glass cracked three pieces all other systems operate o k.

## comment 3

Circle operation pins & platesarticulation & ripper pins @ 60% good. New engine was installed at about 5000 hours as per customer.

## comment 4

Trans oil leak right rear.