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**2005 CATERPILLAR**

**140HNA**

MOTOR GRADERS

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**Inspection Type:**

CUSTOMER

**Inspection #:**

**Inspection Status:**

REVIEWED

**Created:**

**Updated:**

**Created By:**

**Inspector:**

**Salesperson:**

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**Serial #:** APM02559

**SMU / Hours:** 13,465

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**Transmission Serial #:**

EDB04272

**Engine Serial #:** 3PD15484

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FEATURES

CONDITION

NOTES

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Good



Fair



Poor

Approved Repair

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**- Collapse All**

**GENERAL APPEARANCE**



Battery Box

RIGHT REAR

COMPARTMENT

DOOR IS BENT AND



Bumper



Cab or Canopy

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**SAFETY ITEMS**WILL NEED  
STRAIGHTEND

●●●	Counterweight	●●●	Crankcase Guard / Transmission Guard	●●●	Decals DECALS ARE OK FOR HOURS AND AGE
●●●	Draw Bar	●●●	Engine Enclosures	●●●	Front Frame Welds
●●●	Fuel Tank	●●●	Grab Irons	●●●	Hood
●●●	Paint PAINT IS OK FOR HOURS AND AGE	●●●	Pre-Cleaner Bowl	●●●	Rear Frame Welds
●●●	Sheet Metal	●●●	Steps / Ladder		
<b>YES</b>	Cleaning Required	<b>YES</b>	S.O.S. Taken		

Notes - GENERAL

APPEARANCE

MACHINE WILL NEED  
CLEANED, RIGHT REAR  
COMPARTMENT DOOR  
NEEDS STRAIGHTEND, AND  
COUNTY DECALS WILL  
NEED REMOVED

●●●	Back Up Alarm	●●●	Horn	●●●	Parking Brake - SAFETY ITEMS
●●●	Safety Locks / Pins	●●●	Seat Belt / Date		
<b>YES</b>	ROPS	<b>YES</b>	ROPS Certification Plate	<b>YES</b>	Safety Decals In Place / Legible

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**GAUGES, OPERATOR STATION, CONSOLE**

●●●	Air Conditioner - GAUGES, OPERATOR STATION, CONSOLE	●●●	Dash Console	●●●	Door Latches / Seals
	TO COLD TO CHECK				
●●●		●●●	Floor Boards / Mats	●●●	Gauges

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**ENGINE** EMS Panel /  
Warnings

●●●	Glass/Mirrors LEFT MIRROR GLASS IS BROKE AND WILL NEED REPLACED	●●●	Headliner	●●●	Heater
●●●	Interior Lights	●●●	Meter Replaced / Working	●●●	Radio Type & Condition
●●●	Seat Cushion / Arm Rest	●●●	Seat Suspension Type / Condition	●●●	Switches
●●●	Windshield Wipers				
●●●	Air Cleaners	●●●	Anti-Freeze Color / Level	●●●	Engine Supports
●●●	Exhaust / Muffler / Stack	●●●	Fuel Injection System	●●●	Governor / Control
●●●	Operating Condition - ENGINE	●●●	Turbocharger / Blower		
<b>YES</b>	Blow By NORMAL	<b>NO</b>	Compression in Radiator	<b>YES</b>	Fluid Levels OK?
<b>NO</b>	Knocking	<b>NO</b>	Oil Leaks	<b>NO</b>	Water in Oil

Notes - ENGINE  
ENGINE HAS GOOD POWER

Oil Pressure (H/L/N)  
NORMAL

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

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**COOLING SYSTEM**

●●●	Belts / Pulleys - COOLING SYSTEM	●●●	Coolers	●●●	Fan
●●●	Fan Drive / Type	●●●	Hoses	●●●	Radiator
●●●	Shroud / Guards	●●●	Water Pump		
<b>NO</b>	Leaks				

Notes - COOLING SYSTEM  
COOLS NORMAL

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**ELECTRICAL, STARTING AND CHARGING SYSTEM**

●●●	Alternator	●●●	Batteries / Cables	●●●	Starter
●●●	Wiring	●●●	Work Lights		
<b>YES</b>	Block Heater	<b>YES</b>	Ether Aid	<b>YES</b>	Signal Lights

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**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		
<b>NO</b>	Leaks - TRANSMISSION Labor: 400.00	<b>YES</b>	Powershift	<b>NO</b>	Transmission - Noisy

Notes - TRANSMISSION  
TRANSMISSION FUNCTIONS  
NORMAL

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**STEERING**

●●●	Articulate P & B	●●●	King Pins	●●●	Lines / Fittings
●●●	Steering Column / Tilt	●●●	Steering Cylinder	●●●	Steering Frame
●●●	Steering Linkage	●●●	Steering Operating Condition	●●●	Steering Pump
●●●	Steering Valve	●●●	Tie Rods / Rod Ends	●●●	Wheel / Joystick
●●●	Wheel Lean Cylinder - STEERING				

Notes - STEERING  
STEERING IS FUNCTIONAL

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**BRAKE**

- |                    |                              |                              |
|--------------------|------------------------------|------------------------------|
| ●●●● Accumulators  | ●●●● Brake Linkage           | ●●●● Compressor              |
| ●●●● Control Valve | ●●●● Lines                   | ●●●● Parking Brake Operation |
| ●●●● Pedal         | ●●●● Service Brake Operation |                              |

Notes - BRAKE  
BRAKES ARE FUNCTIONAL

**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<br>LEAKING (2) ROD IS OK |
| ●●●● Cylinder Mounts / Pins           | ●●●● Hydraulic Lines / Fittings<br>SOME FITTINGS ON IMPLEMENT VALES ARE LEAKING (2) AND WILL NEED RESEALED | ●●●● Hydraulic Pump                                      |
| ●●●● Hydraulic Valves                 | ●●●● Lift Cylinders<br>LEFT CYLINDER IS LEAKING (2) ROD IS OK  | ●●●● Linkage   |
| ●●●● Operating Condition - HYDRAULICS | ●●●● Pump Drive Shaft  | ●●●● Side Shift Cylinder                                 |
| ●●●● Tank / Sight Glass / Cap         | ●●●● Tip Cylinder  |  |
| <b>YES</b> Leaks - HYDRAULICS         |  |  |

Notes - HYDRAULICS  
 HYDRAULICS FUNCTION  
 NORMAL, LEAKS WILL NEED  
 REPAIRED

**BLADE**

●●●●	Circle A Frame	●●●●	Circle Frame	●●●●	Cutting Edge
●●	Cylinder Balls / Caps MINOR PLAY, HAS SHIMS LEFT	●●●●	Face / Moldboard	●●●●	Frog / Base Edge
●●	Moldboard Tip Brackets / Inserts MINOR PLAY WILL GO AGAIN	●●●●	Ring Gear	●●●●	Saddle
●●	Tip Bracket Pivots / Bearings MINOR PLAY WILL GO AGAIN				

Notes - BLADE  
 MINOR PLAY IN JOINTS  
 SELL AS IS.

**SNOW WING**

●●●●	Cylinder Condition	●●●●	Operating Condition - SNOW WING
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**TIRES**

	Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section
Left Center	MAXAM	18	60	<b>NO</b>	<b>NO</b>	<b>NO</b>
Left Front	PURCELL	28	93	<b>NO</b>	<b>NO</b>	<b>NO</b>
Left Rear	PURCELL	20	66	<b>NO</b>	<b>NO</b>	<b>NO</b>
Right Center	MAXAM	18	60	<b>NO</b>	<b>NO</b>	<b>NO</b>
Right Front	PURCELL	28	93	<b>NO</b>	<b>NO</b>	<b>NO</b>

Right  
Rear                      PURCELL                      20                      66                      NO                      NO                      NO

**YES**    Radial

Notes - TIRES  
TIRES ARE FUNCTIONAL

Tire Size - TIRES  
14.00R24

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**COMMENTS, MISC. REPAIRS, GENERAL REMARKS**

comment 1  
MACHINE WAS PICTURED  
WITH SNOW EQUIPMENT  
ON, CUSTOMER IS KEEPING  
WING AND FRONT LIFT.

comment 2  
MACHINE WILL NEED  
CLEANED, A LEVEL 4PM  
SERVICE, RIGHT REAR  
COMPARTMENT DOOR  
NEEDS STRAIGHTEND,  
LEFT MIRROR NEEDS  
REPLACED, AND  
HYDRAULIC LEAKS NEED  
REPAIRED