



**2005 CATERPILLAR
140HNA**

MOTOR GRADERS

Serial #: APM01829

SMU / Hours: 16,748

Transmission Serial #: EDB02373

Engine Serial #: 3PD010856



FEATURES CONDITION

●●● Good ●● Fair ● Poor

[-] Collapse All

[-] GENERAL APPEARANCE

●●● Battery Box	●●● Bumper	●●● Cab or Canopy
●●● Crankcase Guard / Transmission Guard	●● Decals Decals look normal for age and hours	●●● Draw Bar
●●● Engine Enclosures	●●● Front Frame Welds	●●● Fuel Tank
●●● Grab Irons	●●● Hood	●● Paint Paint is ok for age and hours
●●● Pre-Cleaner Bowl	●● Radiator Grill Grill is bent a little, it will need straightend	●●● Rear Frame Welds
●●● Sheet Metal	●●● Steps / Ladder	


YES Cleaning Required


YES S.O.S. Taken




Notes - GENERAL APPEARANCE

Machine will need cleaned and grill will need straightend

- SAFETY ITEMS

 Back Up Alarm
Alarm is not working

 Horn
Horn is not working

 Parking Brake - SAFETY ITEMS




 Seat Belt / Date

YES ROPS




YES ROPS Certification Plate

YES Safety Decals In Place / Legible

- GAUGES, OPERATOR STATION, CONSOLE


 Air Conditioner - GAUGES, OPERATOR STATION, CONSOLE
Cools normal

 Dash Console

 Door Latches / Seals

 EMS Panel / Warnings

 Floor Boards / Mats

 Gauges

 Glass/Mirrors

 Headliner




 Heater




 Interior Lights

 Meter Replaced / Working

 Radio Type & Condition

 Seat Cushion / Arm Rest

 Seat Suspension Type / Condition

 Switches

 Windshield Wipers

ENGINE

●●●	Air Cleaners	●●●	Anti-Freeze Color / Level	●●●	Engine Supports
●●●	Exhaust / Muffler / Stack	●●●	Fuel Injection System	●●●	Governor / Control
●●●	Operating Condition - ENGINE	●●●	Turbocharger / Blower		
YES	Blow By Normal	NO	Compression in Radiator	YES	Fluid Levels OK?
NO	Knocking	NO	Oil Leaks	NO	Water in Oil

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	●●●	Coolers	●●●	Fan
●●●	Fan Drive / Type	●●●	Hoses	●●●	Radiator
●●●	Shroud / Guards	●●●	Water Pump		
NO	Leaks				

Notes - COOLING SYSTEM
Cools normal

ELECTRICAL, STARTING AND CHARGING SYSTEM

●●●	Alternator	●●●	Batteries / Cables	●●●	Starter
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Wiring



Work Lights

YES

Block Heater

YES

Ether Aid

YES

Signal Lights

- TRANSMISSION

Case - TRANSMISSION



Controls - TRANSMISSION



Cooler

Lines / Fittings -
TRANSMISSIONOperating Condition -
TRANSMISSION

Pump - TRANSMISSION



Seals



Temp / Pressure Gauges



Transmission - Forward Shifts



Transmission - Reverse Shifts



Valves

NO

Leaks - TRANSMISSION

YES

Powershift

NO

Transmission - Noisy

Notes - TRANSMISSION

Transmission functions normal

- 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 Lean Cylinder -
STEERING

Notes - STEERING

Steering functions normal

[- 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 Right tandem is leaking at the duo cone seal (2)
●●●	Wheel Lugs & Rims				

Drivetrain / Tandem Notes

Right tandem is leaking and will need resealed

[- HYDRAULICS

●●●	Blade Cushion	●●●	Circle Drive Box	●●●	Circle Side Shift Cylinder
●●●	Cylinder Mounts / Pins	●●	Hydraulic Lines / Fittings Some fittings leaking at implement valves (3)	●●●	Hydraulic Pump
●●	Hydraulic Valves Both implement valves are	●●	Lift Cylinders Left cylinder is leaking (3)	●●●	Linkage

leaking (3), both will need resealed



Operating Condition - HYDRAULICS



Pump Drive Shaft



Saddle Pin / Actuator



Side Shift Cylinder



Tank / Sight Glass / Cap



Tip Cylinder

YES

Leaks - HYDRAULICS

Notes - HYDRAULICS

Hydraulic leaks will need repaired

BLADE



Circle A Frame



Circle Frame



Circle Shoes / Inserts



Cutting Edge



Cylinder Balls / Caps
Shims will need removed to tighten



Face / Moldboard



Frog / Base Edge



Moldboard Tip Brackets / Inserts



Ring Gear



Tip Bracket Pivots / Bearings

Notes - BLADE

Blade is starting to get loose at cylinder ball joints but will go again

SNOW WING



Blade / Moldboard



Cutting Edges



Cylinder Condition



Mast / Mounts / Supports



Rear Post / Mount

Operating Condition - SNOW
WING



Snow Wing Lines / Fittings

- TIRES

	Make / Serial#	Tread Depth in 1/32"	% Life Remaining	Recapped	Tread Cuts/Chunks	Side Cuts Section
Left Center	Michelin	10	33	NO	NO	NO
Left Front	Michelin	20	66	NO	NO	NO
Left Rear	Michelin	12	40	NO	NO	NO
Right Center	Michelin	16	53	NO	NO	NO
Right Front	Michelin	10	33	NO	NO	NO
Right Rear	Michelin	12	40	NO	NO	NO

YES Radial

Tire Size - TIRES

14.00R24

- COMMENTS, MISC. REPAIRS, GENERAL REMARKS

comment 1

Machine will need cleaned, a level 4PM service, hydraulic leaks will need repaired, back up alarm needs repaired, horn needs repaired, right tandem needs resealed, and grill needs straightend