

1999 CATERPILLAR 140H



Year	Serial Number	Stock Number
1999	2ZK04409	

Hours	Drive	Location
12443	4WD	

Inspection Comments



Motor Graders	
SMU/Hrs	12,443

Motor Graders Configuration	
Slipclutch	Yes
Lift Group	Yes
Diff Lock/Unlock	Yes
Variable Horsepower	Yes
Tip Control	Yes
Side Shift	Yes
Cab, Low Profile	Yes
Air Conditioner	Yes
EROPS	Yes

General Appearance

Cleaning Required	Yes	Machine needs washed and cleaned.
S.O.S. Taken	No	
Sheet Metal	Good	
Paint	Fair	Paint is scratched and chipped.
Grab Irons	Good	
Steps / Ladder	Good	
Cab or Canopy	Good	
Pre-Cleaner Bowl	Good	
Bumper	Good	
Rear Frame	Good	
Front Frame	Good	
Crankcase Guard / Battery Box	Good	
Fuel Tank	Good	
Eng. Enclose Hood / Stack	Fair	Right side engine door and top of hood are dented.
Radiator Grill & Shroud	Good	

Safety Items

Horn	Fair	Horn is inop.
ROPS	Yes	
Signal Lights	Yes	

Gauges / Operator Station / Console

Back Up Alarm	Yes	Alarm is inop.
Seat Belt	Yes	
Current O&MM	Yes	
Current Safety Manual	Yes	
Air Conditioner	Fair	Air flow through vents is lacking. May have a plugged cab filter or evaporator.
Glass / Mirrors	Fair	Right lower windshield is cracked and all front glass is sand pitted.
Door Latches	Good	
EMS Panel / Warnings	Fair	Hazard indicator bulbs are burnt out.
Seat Cushion / Arm Rest	Good	
Heater	Good	
Switches	Good	
Gauges	Good	
Dash Console	Good	

Engine

Belts / Pulleys	Good	
Exhaust / Muffler	Good	
Air Cleaners	Fair	Dusty
Smoke (B/D/L/W)	Normal	
Oil Pressure (H/L/N)	Normal	
Anti-Freeze Color	Red	
Fluid Levels OK?	Yes	
Water in Oil	No	
Knocking	No	
Blow By	Yes	Engine has a fair amount of blow by.
Oil Leaks	Yes	Governor housing, Injection pump mount, breather assembly, and oil pan are leaking.

Cooling System

Leaks	No
Hoses	Good
Radiator	Good

Electrical / Starting and Charging System

Block Heater	Yes
Ether Aid	Yes
Lighting	Good
Wiring	Good
Alternator	Good
Starter	Good
Batteries / Cables	Good

Transmission

Leaks	Yes	Transmission control valve is leaking.
Transmission - Noisy	No	
Transmission - Forward Shifts	Good	
Transmission - Reverse Shifts	Good	
Lines / Fittings	Good	
Universal Joints	Good	
Seals	Fair	Transmission control valve is leaking.
Controls	Good	
Case	Good	
Transmission - Type	Good	Powershift

Steering

Notes	Steering is jerky. May have a bad steering accumulator.	
Wheel Lean Cylinder	Good	
Oil Lines	Good	
Steering Cylinder	Fair	Both articulation cylinders are leaking.
Tie Rods / Rod Ends	Good	
Steering Linkage	Good	

Brakes

Holding What Gear?	2nd
Parking Brake	Good
Lines	Good

Tandems

Differential	Fair	Diff lock is inop. Suspect issue with Diff lock Clutch.
Wheel Lugs & Rims	Good	
Tandems	Good	

Hydraulics

Leaks	Yes	
Circle Side Shift Cylinder	Good	
Circle, Shoes & Plates	Good	
Wheel Lean Cylinder	Good	
Tip Cylinder	Good	
Life Cylinder	Fair	Left lift cylinder is leaking.
Side Shift Cylinder	Fair	Blade sideshift cylinder is leaking.
Linkage	Good	
Hose Lines	Good	
Pumps & Valves	Good	
Tank	Good	
Operating Condition	Good	

Blade

Blade Size	14' 2' extension at time of inspection.	
Notes	Lift yokes and trunions have some play in them.	
Circle	Yes	
Cutting Edge Condition	Yes	Edges are crowned.
Face / Moldboard	Yes	

Tires

Notes	Rear tires will be switched with other tires.	
Tire Size	14.00R24	
Left-Rear - Side Cuts Section	No	
Left-Rear - Tread Cuts/Chunks	No	
Left-Rear - Recapped	No	
Left-Rear - Tread Depth in 1/32in	30/32"	
Left-Rear - Make/Serial#	Michelin SnoPlus ZTG0533L6A	
Left-Rear-Center - Side Cuts Section	No	
Left-Rear-Center - Tread Cuts/Chunks	No	
Left-Rear-Center - Recapped	No	
Left-Rear-Center - Tread Depth in 1/32in	30/32"	
Left-Rear-Center - Make/Serial#	Michelin SnoPlus XTG0012L7A	
Left-Front - Side Cuts Section	No	
Left-Front - Tread Cuts/Chunks	Yes	
Left-Front - Recapped	No	
Left-Front - Tread Depth in 1/32in	14/32"	
Left-Front - Make/Serial#	Bridgestone Snow WedgeF1N483655	

Right-Rear - Side Cuts Section	No
Right-Rear - Tread Cuts/Chunks	No
Right-Rear - Recapped	No
Right-Rear - Tread Depth in 1/32in	30/32"
Right-Rear - Make/Serial#	Michelin SnoPlus ZTG0386L3A
Right-Rear-Center - Side Cuts Section	No
Right-Rear-Center - Tread Cuts/Chunks	No
Right-Rear-Center - Recapped	No
Right-Rear-Center- Tread Depth in 1/32in	30/32"
Right-Rear-Center- Make/Serial#	Michelin SnoPlus ZTG0522L7A
Right-Front - Side Cuts Section	No
Right-Front - Tread Cuts/Chunks	No
Right-Front - Recapped	No
Right-Front - Tread Depth in 1/32in	19/32"
Right-Front - Make/Serial#	Bridgestone Snow Wedge F9B181541