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Inspection Checklist for 2020 CATERPILLAR 420F2



Inspection Results

• Engine and Powertrain

Engine Performance: Engine starts smoothly, no unusual noises or vibrations. Runs strong with no smoke during idle or operation.

Engine Fluids: Oil, coolant, and other fluids checked; all at optimal levels with no leaks detected.

Filters: Air, oil, and fuel filters inspected; all clean and within maintenance schedule.

Battery: Tested, holding a full charge with no corrosion on terminals.

• Hydraulic System

Hydraulic Fluid Levels: Proper levels maintained; no leaks from lines, cylinders, or pump.

Boom and Dipper Arm: Fully functional with smooth movement; no cracks, bends, or signs of stress.

Bucket Cylinder: Checked for wear and leaks; no issues found.

Extended Stick: Inspected; fully operational with no signs of excessive wear or damage.

Auxiliary Hydraulics: Functional, hoses and connections intact.

• Tires and Undercarriage

Tires: All four tires in excellent condition with approximately 90% tread life remaining.

Axles: Front and rear axles inspected for wear; all components in excellent condition.

• Cab and Controls

Operator Cabin: Fully enclosed, clean, and in excellent condition; no cracked or broken glass.

Air Conditioning and Heating: Both systems fully functional, providing adequate cooling and heating.

Joystick Controls: Rear joystick controls operate smoothly and accurately.

Seat and Interior: Operator seat in like-new condition; no tears, stains, or damage.

Visibility: All windows and mirrors are clean and provide clear visibility.

• Front Loader and Backhoe Attachments

4N1 Front Bucket: Inspected; edges and hinges in excellent condition with no structural damage.

Backhoe Bucket: Teeth and edges intact with minimal wear; extended stick operates without issues.

Quick Attach System: Fully operational, locks securely.

• Electrical System

Lights: All work lights, turn signals, and indicators tested; fully functional.

Alarms: Backup alarm and other safety features operational.

Wiring and Connections: Inspected, no fraying or loose connections detected.

• Structural Integrity

Frame and Chassis: Solid, with no cracks, welds, or signs of damage.

Boom and Arm Joints: Tight and secure; no excessive play or wear.

Pins and Bushings: Inspected; all in good condition with minimal wear.

• Additional Features

4x4 Drive: Tested in multiple conditions; functions as expected with smooth engagement.

General Cleanliness: Machine is clean and well-maintained with no buildup of grease or dirt.

Summary of Condition

This 2020 CATERPILLAR 420F2 is in excellent condition, operating at 90% of its original performance. With 497 original hours, it is practically like new and ready for immediate use on a farm or job site. All systems have been thoroughly inspected and are fully operational, with no significant issues noted.

Mechanic's Notes

This machine reflects professional maintenance and care, making it a reliable choice for demanding tasks. All major components are in exceptional condition, with only minor wear typical for the hours of use. The tires, cabin, hydraulic systems, and attachments are all in excellent shape, requiring no immediate attention.