

Location: Boom and Bucket
Miami, FL

TRUCK AND EQUIPMENT CONSULTING LLC – LOADER BACKHOE CHECKLIST

Date
 (Y/M/D) 5/2/2024

INSPECTOR
 INITIALS C.S.

| (Basic Information) | |
|-------------------------|--|
| (Manufacturer) | Caterpillar |
| (Model Number) | 420F2 |
| (Serial Number) | CAT0420FCHWC03031 |
| (Year of Manufacturing) | 2018 (Built 11/2017) |
| (Hour Meter Reading) | 1999.3 Hrs |
| (Engine Model) | sn # W7N33243 CAT C4.4ACERT 94HP net I4 Diesel |
| (Transmission) | Direct Drive 4 Fwd + 4 Rev manual shift |
| (Final Drive 2WD/4WD) | 4WD |
| (Steering) | 2 wheel steer |

- A (Near to Brand New or Excellent Condition)
- B (A little Wear but Good Condition)
- C (Fair Average Condition for hours and year)
- D (Workable but minor repair is required)
- E (Workable but major repair is required)

| Specification and Dimensions | |
|--|---|
| Serial Plate/Frame Inscription | CAT0420FCHWC03031 |
| Cabin+Canopy (Circle) | Open Canopy |
| EPA Certificate / Permits Posted | OFOPS / OROPS Level II Rated 24,440 lbs |
| Attachments s/n # 171105358 | GP Bucket Model 337-7388 |
| Hydraulic Capacities | Hydraulic System= 25 gal Hydraulic Tank= 10.7 gal |
| Loader Bucket Lift Capacity (max height) | 7601 lbs |
| Hydraulic Pressure | 3600 psi |
| Tires Firestone / Otani | Front= 12.5/80-18 Rear=19.5L-24 |
| Other | Outriggers Independent + Hydraulic |
| Origin | China |

| | | (Check List) | | | | | (Remarks) | |
|---|---|----------------------------------|---|---|---|---|---|--|
| | | A | B | C | D | E | | |
| GENERAL APPEARANCE | (General Appearance-Front) | | X | X | | | Good loader bucket Surface cosmetics, some wear+tear No damage | |
| | (General Appearance-Rear) | | | X | | | Grille dented +frame cracked+chipped Backhoe boom panels wear+tear | |
| | (General Appearance-Right) | | X | | | | Good appearance right panels + gaps No damage Surface cosmetics | |
| | (General Appearance-Left) | | X | | | | Good appearance right panels + gaps No damage Surface cosmetics | |
| | (General Appearance-Upper) | | X | | | | Good appearance cabin and upper panels, roof and frame No damage | |
| | (ROPS / FOPS Structure Appearance) | | X | | | | Good ROPS /FOPS appearance no damage seen Surface cosmetics | |
| | (Major / Minor Surface Rust) | | X | X | | | Some Surface rust cosmetics on backhoe boom See Photos No damage | |
| | (Body Panel Rust Damage / Cancer) | | X | | | | No rust cancer Grille frame plastic cracked and chipped See Photos | |
| | (Visible Weld Repairs / Stress Cracks) | | X | | | | No weld repairs No stress cracks seen | |
| | (Glass Condition) | | | | | | N/A no glass | |
| | (Chassis / Undercarriage Damage) | | X | | | | Straight chassis+frame panels Good appearance No damage | |
| | OPERATOR'S COCKPIT | (Operator Cabin) | | X | | | | Straight+complete Solid Floors Good steering wheel Minor surface wear |
| | | (Operator Controls and Switches) | | X | X | | | Good working controls+switches Good functionality 1 button cover broke |
| | | (Hour Meter Activity) | | X | | | | Working |
| (Other Gauge Activity) | | | X | | | | Working | |
| (Door / Canopy Latches) | | | X | | | | Good Engine + cover latch + lock function | |
| (Safety - Horn / First Aid Kit) | | | X | | | | Working | |
| (Operator Seat Condition) | | | | X | | | Seat bottom split and cover damaged, Elbow rest chipped+cracked | |
| (Safety - Seat Belts / Fire Extinguisher) | | | X | | | | yes | |
| ENGINE | (Oil Color / Fluid Appearance / Particulates or Granuales) | | X | | | | Good appearance No signs of cross contamination No blow by seen | |
| | (Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down) | | X | | | | Easy start No unusual noises at start up Good Idle No noise at shutdown | |
| | (Engine Exhaust Color - White / Blue / Black / Clear) | | X | | | | Clear and stayed clear at operating temp - No oil blow by seen | |
| | (Oil Leaks) | | X | | | | No oil leaks seen | |
| | (Engine Smoke Upon Startup / Upon Idle / Upon Shut Down) | | X | | | | No smoke issues | |
| | (Coolant Color / Fluid Appearance) | | X | | | | Good coolant appearance | |
| | (Water Pump Noises / Damp Hoses / Coolant Leaks) | | X | | | | No noises No coolant leaks seen | |
| | (Coolant Leaks from Radiator) | | X | | | | None seen | |
| | (Overall Engine Appearance Clean / Wet / Dry) | | X | | | | Engine Clean+Dry Good appearance No dried seepages or dampness | |
| | (Overall appearance of Hydraulic lines/fittings - worn/cracked) | | X | | | | Good appearance No pitting on rams Hoses+Fitting Good appearance | |
| HYDRAULICS OVERALL | (Hydraulic Pump Sounds / Noises) | | X | | | | No unusual noises or vibrations under load | |
| | Wet or Damp hydraulic lines and fittings / fluid leaks) | | X | X | | | Dried seepages on some inner+lower pins See Photos | |
| | (External Controls / Levers Condition) | | X | | | | Good condition | |
| | (Hydraulics Service Records / Maintenance History) | | | | | | not labeled | |

| | | | | | | | | |
|------------------------------|--|--------------------------|------------------------------------|---|---|--|--|-----------------------|
| ELECTRICAL | (Lighting System Condition) | | X | | | | Working | |
| | (Reverse Alarm / Backup Signal) | | X | | | | Working | |
| | (Battery Condition) | | X | | | | Battery Good appearance | |
| | (Outrigger + Controls) | | X | | | | Good Outrigger Function | |
| B R A K E S | (Foot Brake) | | X | | | | Good Brake Function | |
| | (Inching Brake Functional & Working Condition) | | X | | | | Good | |
| | (Parking Brake) | | X | | | | Working | |
| | (Other Remarks) | | X | | | | Good Brake Function | |
| TRANSMISSION | (Clutch Noise / Function) | | X | | | | Smooth function No noises No vibrations | |
| | (Transmission Noise / Function) | | X | | | | No noises or banging Good Forward and Reverse Travel | |
| | (Shift Lever Condition & Function) | | X | | | | Good shifter response | |
| | (Other Remarks) | | X | | | | Transmission Good Performance | |
| HYDRAULICS CYLINDERS | Loader | (Oil Leak from Cylinder) | | X | | | No active leaks seen | |
| | | (Mounting Pin Condition) | | | X | | Average Appearance Heavy caked dried seepages+discoloration See pics | |
| | Backhoe | (Oil Leak from Cylinder) | | X | | | No leaks seen | |
| | | (Mounting Pin Condition) | | | X | | Average Appearance Heavy caked dried seepages+discoloration See pics | |
| | Steering | (Oil Leak from Cylinder) | | X | | | No leaks seen | |
| | | (Mounting Pin Condition) | | | X | | Average Appearance Heavy caked dried seepages+discoloration See pics | |
| Outriggers | (Other Remarks) | | X | | | Good Function Up and Down Outrigger pads Good appearance No damage | | |
| Bucket | (Other Remarks) | | X | | | Good Bucket Response Up and Down | | |
| C H A S S I S & COMPONENT | (Transom / Boom / Arm Function / Noise) | | | X | | | No unusual noises Good Function | |
| | (Slack in Pins / Loose Pins / Soft Bushings) | | | X | | | No excess slack felt when shaken by hand Normal wear for hours | |
| | (Level stance and alignment) | | | X | | | Good stance Level Wheel alignment good | |
| | (Front Axle Appearance) | | | X | | | Good appearance of front axles and hubs No rust or dampness inner hubs | |
| | (Rear Axle Appearance) | | | X | | | Good appearance of rear axles and hubs No rust or dampness inner hubs | |
| | (Center Pin Appearance) | | | X | | | Good appearance No rust or wetness | |
| | (Wheel Condition) | (Front) | Remaining Ratio Of Right *(A)to(E) | | X | | | Tires+Rims =B/B- Good |
| | | | Remaining Ratio Of Left *(A)to(E) | | X | | | Tires+Rims =B/B- Good |
| | | (Rear) | Remaining Ratio Of Right *(A)to(E) | | X | | | Tires+Rims =B/B- Good |
| | | | Remaining Ratio Of Left *(A)to(E) | | X | | | Tires+Rims =B/B- Good |
| (Outrigger Function) | | | X | | | Rims + Inner Hubs Good appearance Dry No rust or damage | | |
| LOADER | (Bucket / Fork Appearance) | | | X | X | | Good appearance of Bucket No damage Surface rust cosmetic only | |
| | (Bucket / Fork Condition) | | | X | | | Good Function | |
| | (Arm/Link Condition) | | | X | | | Good appearance and Smooth function | |
| | (Other Remarks) | | | X | X | | Some dried seepages + wear on pins See photos | |
| BACKHOE | (Bucket Appearance) | | | X | | | Backhoe Bucket + Deflectors Some surface rust No damage | |
| | (Bucket Condition) | | | X | | | Good Lift and Drop No unusual noises or vibrations | |
| | (Arm/Link Condition) | | | X | | | Good appearance | |
| | (Other Remarks) | | | X | X | | Some panel rust and wear+tear on backhoe boom panels See Photos | |

OVERALL EXTERIOR RATING: C+ QUALITY: C/C+
OVERALL INTERIOR RATING: C/C+ SAFETY: B
OVERALL PERFORMANCE: B FUNCTIONALITY: B
OVERALL EVALUATION GRADE: C+
FLUID SAMPLE REQUEST (Y/N) n OIL n COOLANT n

DIMENSIONS: (shipping reference)

Length: 23 Ft 8 in
Width: 7 Ft 7 in
Height: 11 Ft 11 in
Weight: 17,033 lbs (est as equipped)

*A:Remaining Ratio 90% or more
*B:Remaining Ratio 70% or more
*C:Remaining Ratio 50% or more
*D:Remaining Ratio 20% or more
*E:Remaining Ratio 20% or less