

Inspection Report (Excavator)

General Info

B&B Stock Number	A8922904
Year	2017
Make	John Deere
Model	470G
Serial Number	1FF470GXEHF235143
Hour Meter Reading	7022
Previous Application (e.g., earth moving, mining, demolition, etc)	This machine was previously used in civil construction

Dimensions

A. Length (ft and inches)	39ft 1in
B. Width (ft and inches)	12ft 6in
C. Height (ft and inches)	12ft 6in
Operational Weight (lbs)	112,916.4lb

Features and Configuration

Control Station Type	Cab
Travel System	Track Undercarriage
Bucket	Yes
Bucket Specs	76in long x 76.5in wide x height 56in
Blade	No
Additional Attachment(s)	No
Hydraulic Coupler	Yes
Auxiliary Hydraulics	No
Hydraulic Thumb	No
Heat	Yes
A/C	Yes
Radio	No
Backup Camera	Yes
Grade Control System	No
OMM (Operator & Maintenance Manual)	No
Telematics	No

Exterior Walkaround Photos

360 Walkaround & Operating Video

Walkaround Photos & Operating Video
































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Exterior Walkaround Photos					
					
Operating Video	Click to Download				

General Appearance Inspection Points

General Appearance

General Appearance Photos

Close-up Exterior Photos					
					
					
					
					
					
	 excessive play				

General Appearance Inspection Points






Inspection Report (Excavator)

Inspection Rating Criteria	Rating Scale	Explanation
	1 - Service Required	Requires immediate repairs to function as expected.
	2 - Above Average Wear & Tear	Exhibits greater wear than expected given age and usage. While operable, further diagnosis may be needed.
	3 - Normal Wear & Tear	Exhibits wear that is consistent with age and usage. Operation is normal, and as expected.
	4 - Very Light or Minimal Wear	Exhibits very minimal wear. Operation is better than expected given age and usage.
	5 - Like New, Recently Replaced	Excellent condition, free of visible wear or damage. Operation is within factory specifications.
Body Panels	3 - Normal Wear & Tear	
Body Panel Condition	Areas of surface rust observed	
Doors / Canopy Latches	3 - Normal Wear & Tear	
Doors / Canopy Latches Condition	No visible damage	
Steps / Ladders	3 - Normal Wear & Tear	
Steps / Ladders Condition	Steps/ladders are fully intact and appear structurally sound	
Handrails	3 - Normal Wear & Tear	
Handrails Condition	Handrails are fully intact and appear structurally sound	
Glass	3 - Normal Wear & Tear	
Glass Condition	Glass intact, no visible damage	
Mirrors	2 - Above Average Wear & Tear	
Mirror Condition	One or more mirrors are broken or missing	
Exterior Lights	3 - Normal Wear & Tear	
Exterior Lights Condition	One or more exterior lights are non-operational	
Overall Exterior	3 - Normal Wear & Tear	
Comments	Overall, the exterior is in good condition. Some areas of rust were observed, but it does not affect the machines functionality.	



Control Station Inspection Points

Control Station

Control Station Photos

Control Station Photos					
					

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Serial Number Plate	
Hour Meter/Odometer	
Seat	3 - Normal Wear & Tear
Seat Condition	Seat(s) have minor surface staining or small tears, Seat adjustment controls have limited range of motion, Seat belt secures properly, Seat belt is intact and in good condition
Cabin Lights	3 - Normal Wear & Tear
Cabin Lights Condition	One or more light cover or bulb is missing, lighting system is operational
Safety Lock Out / Stop	3 - Normal Wear & Tear
Safety Lock Out / Stop Condition	Safety lock out device is present, in good condition, and functional
Controls & Switches	3 - Normal Wear & Tear
Controls & Switches Condition	All switches are installed and functional
Hour Meter Activity	3 - Normal Wear & Tear
Hour Meter Condition	Hour meter is functional and in good condition
Other Gauge Activity	3 - Normal Wear & Tear
Other Gauge Condition	All cockpit gauges are functional and in good condition
Heater & A/C	3 - Normal Wear & Tear
Heater & A/C Condition	A/C Blows cool - noticeably cooler than air temp
Travel Alarm	1 - Service Required



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Travel Alarm Condition	System is configured but not operating correctly
Horn	1 - Service Required
Horn Condition	Horn installed but functioning improperly
Backup Camera	3 - Normal Wear & Tear
Backup Camera Condition	Back up camera is installed and functioning as expected
Control Station Overall Rating	3 - Normal Wear & Tear
Control Station Overall Condition	Good cabin appearance, solid floors, panels, and ceiling

Engine Inspection Points

Engine

Engine Compartment Photos

Engine Data Plate					
Engine Compartment Photos					
Engine Type (Make, Model, Cylinders, Hp)	John deere Powe tech, 6 cylinder				
Emissions Tier	Tier 4F				
Engine Serial Number	unable to determine				

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Engine Fuel Type	Diesel
Blow-by (Visual Observation Check)	N/A
Unusual Noises (Upon Start-up, Idle, Shutdown)	No
Engine Smoke (Upon Start-up, Idle, Shutdown)	No
Engine Exhaust Color	Clear
Battery	3 - Normal Wear & Tear
Battery Condition	Dusty & dirty appearance
Radiator	3 - Normal Wear & Tear
Radiator Condition	Radiator fins & components appear to be in good working order, no signs of damage or leaks
Belts	3 - Normal Wear & Tear
Belt Condition	Belts appear in good condition & alignment with proper tension
Hoses	3 - Normal Wear & Tear
Hose Condition	Firm, pliant hoses with no signs of wear or leaks
Water Pump	3 - Normal Wear & Tear
Water Pump Condition	No unusual pump noises heard
Cooling System Leaks	No
Coolant Appearance	3 - Normal Wear & Tear
Coolant Appearance Notes	Normal Translucent appearance, no visual signs of contamination
Oil Leaks	No
Oil Appearance	3 - Normal Wear & Tear
Oil Appearance Notes	Appropriate oil level, Very dark, black & burnt oil appearance
Fuel Leaks	No
Equipped with DPF (Diesel Particulate Filter)	Yes
DPF Condition	3 - Normal Wear & Tear
DPF Condition Notes	Filter housing is intact with no signs of damage or malfunction, DPF indicator is not illuminated
Requires DEF (Diesel Exhaust Fluid)	Yes
DEF Tank	3 - Normal Wear & Tear
DEF Tank Condition	Area around DEF tank cap is clean, fluid is clear & appears free of contaminants
Overall Engine Rating	3 - Normal Wear & Tear
Overall Engine Appearance	Dusty & dry
Overall Engine Comments	The engine is in good working order

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Drivetrain Inspection Points

Drivetrain

Drivetrain Inspection Points

Drivetrain Photos	
Hydrostatic Transmission?	Yes
2 Speed?	No
Hydrostatic Drive Configuration	Other (see comments)
Comments	unable to verify
Drive	Other (see comments)
Other Drive Type	tracks
Transmission Components	3 - Normal Wear & Tear
Transmission Condition	Good forward and reverse function, No unusual noises or vibrations
Drive Motors	3 - Normal Wear & Tear
Parking Brake	3 - Normal Wear & Tear
Parking Brake Function	Good brake function
Overall Drivetrain Rating	3 - Normal Wear & Tear
Overall Drivetrain Comments	The overall drivetrain is in good working order

Chassis Inspection Points

Chassis Photos	
Boom Condition	3 - Normal Wear & Tear
Stick Condition	3 - Normal Wear & Tear
Boom Base Pin & Bushings	3 - Normal Wear & Tear
Boom to Stick Pin & Bushings	3 - Normal Wear & Tear
Stick to Bucket Pin & Bushings	3 - Normal Wear & Tear

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Turntable Bearing	3 - Normal Wear & Tear
Bottom Covers	3 - Normal Wear & Tear
Overall Chassis	3 - Normal Wear & Tear
Overall Chassis Comments	The chassis is in good working order.

Travel System Inspection Points

Track Undercarriage

Basic Information

OEM System Configuration (Ex. CAT SystemOne)	unable to verify
High Drive Configuration	N/A
Sealed and Lubricated Track Undercarriage (SALT)?	Yes
Oil Filled?	Yes
Grease Filled?	Yes
Low Ground Pressure (LGP)?	N/A
Track Shoe Width (inches)	35.5in
Length of Track on Ground (ft and inches)	15ft 10in
Number of Carrier Rollers (per side)	3
Number of Rollers (per side)	9
Number of Shoes (per side)	54

Undercarriage Photos

Undercarriage Photos	
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Undercarriage Inspection Points

Sprocket Teeth	3 - Normal Wear & Tear
Track Bushings	3 - Normal Wear & Tear


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Track Frames	3 - Normal Wear & Tear
Pivot Shafts	3 - Normal Wear & Tear
Equalizer Bar & Joints	3 - Normal Wear & Tear
Front Idler	3 - Normal Wear & Tear
Track Tensioner	3 - Normal Wear & Tear
Track links	3 - Normal Wear & Tear
Bottom Rollers	3 - Normal Wear & Tear
Carrier Rollers	3 - Normal Wear & Tear
Overall Undercarriage	3 - Normal Wear & Tear
Overall Percent Estimate	70%
Overall Undercarriage Comments	The undercarriage is in good working order

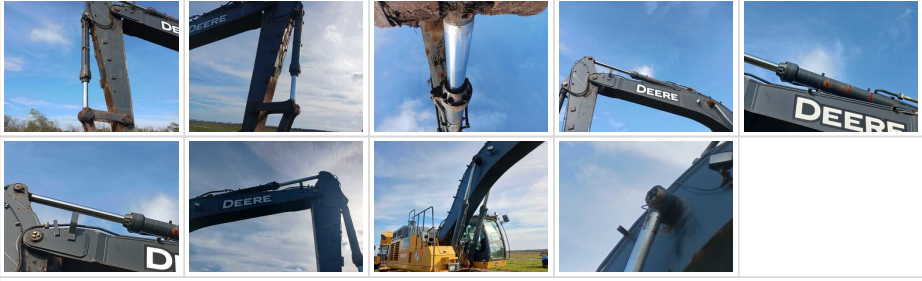
Hydraulics Overall Inspection Points

Hydraulics Overall

Hydraulic System Inspection Points

Hydraulic System Photos	
Wet or Damp Hydraulic Lines / Fittings	Yes
Hydraulic Lines/Fittings	3 - Normal Wear & Tear
Hydraulic Lines / Fittings Condition	Hydraulic lines & fittings are clean and in good condition
Hydraulic Pump(s)	3 - Normal Wear & Tear
Unusual Noises	No
Hydraulic Pump Notes	No unusual noises heard during operation

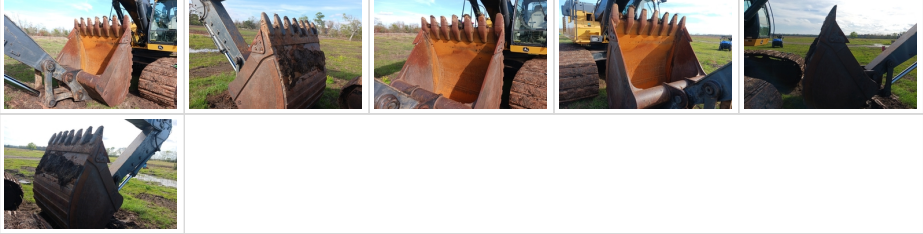
Hydraulic Cylinder Inspection Points

Hydraulic Cylinder Photos	
Mounting Pins	3 - Normal Wear & Tear
Cylinder Oil Leaks	No
Comments	Some leaks were seen but overall the hydraulic cylinders are in good working order
Hydraulic System Overall	3 - Normal Wear & Tear

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Comments	The overall hydraulic system is in good working order.
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Bucket Inspection Points

Attachment Photos	
Bucket	3 - Normal Wear & Tear
Bucket Teeth	3 - Normal Wear & Tear
Blade	0
Blade Edge	0

Functional Test

Functionality Assessment

Functionality Assessment

Engine	3 - Normal Wear & Tear
Transmission/Drivetrain	3 - Normal Wear & Tear
Travel (Forward/Reverse/Steering)	3 - Normal Wear & Tear
Brakes	3 - Normal Wear & Tear
Hydraulic System	3 - Normal Wear & Tear
Electric Operating System	0
Controls	3 - Normal Wear & Tear
Safety Systems	3 - Normal Wear & Tear
Core Functions	3 - Normal Wear & Tear
Attachments	3 - Normal Wear & Tear
Overall Functional Test Comments	The machine is fully functional

Overall Assessment

Overall Assessment

Inspection Rating Criteria	<table border="1"> <thead> <tr> <th>Rating Scale</th> <th>Explanation</th> </tr> </thead> <tbody> <tr> <td>1 - Service Required</td> <td>Requires immediate repairs to function as expected.</td> </tr> <tr> <td>2 - Above Average Wear & Tear</td> <td>Exhibits greater wear than expected given age and usage. While operable, further diagnosis may be needed.</td> </tr> <tr> <td>3 - Normal Wear & Tear</td> <td>Exhibits wear that is consistent with age and usage. Operation is normal, and as expected.</td> </tr> <tr> <td>4 - Very Light or Minimal Wear</td> <td>Exhibits very minimal wear. Operation is better than expected given age and usage.</td> </tr> <tr> <td>5 - Like New, Recently Replaced</td> <td>Excellent condition, free of visible wear or damage. Operation is within factory specifications.</td> </tr> </tbody> </table>	Rating Scale	Explanation	1 - Service Required	Requires immediate repairs to function as expected.	2 - Above Average Wear & Tear	Exhibits greater wear than expected given age and usage. While operable, further diagnosis may be needed.	3 - Normal Wear & Tear	Exhibits wear that is consistent with age and usage. Operation is normal, and as expected.	4 - Very Light or Minimal Wear	Exhibits very minimal wear. Operation is better than expected given age and usage.	5 - Like New, Recently Replaced	Excellent condition, free of visible wear or damage. Operation is within factory specifications.
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Exterior Rating	3 - Normal Wear & Tear
Interior Rating	3 - Normal Wear & Tear
Safety Rating	3 - Normal Wear & Tear
Quality Rating	3 - Normal Wear & Tear
Functionality Rating	3 - Normal Wear & Tear
Overall Rating	3 - Normal Wear & Tear
Summary Video	Click to Download
What's Great About the Machine	The machine is in good working order with a 5.5 yard bucket.
What Needs Work	There are some leaking coming from the hydraulic cylinders
Date/Time	12-19-2023
Inspector Name	Steven Mesa