

## Inspection Report (Off-Highway Carrier or Service)

### General Info

B&B Stock Number	A3449512
Year	2017
Make	John Deere
Model	410E
Serial Number	1DW410ETEHF679215
Hour Meter Reading	7486.3
Previous Application (e.g., earth moving, mining, demolition, etc)	This machine was used in civil construction

### Dimensions

A. Length (ft and inches)	35.47ft in
B. Width (ft and inches)	11.3ft in
C. Height (ft and inches)	12.8ft in
Operational Weight (lbs)	Payload 82,157.5lb, Gross Weight 152,381.4lb, Net weight 70,223.9lb, Total Empty 70,224lb, Total loaded 15,2381lb









### Features and Configuration

Control Station Type	Cab
Travel System	Wheels
Additional Attachment(s)	No
Heat	Yes
A/C	Yes
Radio	Yes
Backup Camera	No
Grade Control System	No
OMM (Operator & Maintenance Manual)	No
Telematics	No

### Exterior Walkaround Photos

#### 360 Walkaround & Operating Video

#### Walkaround Photos & Operating Video

Exterior Walkaround Photos					
					













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Operating Video	<a href="#">Click to Download</a>
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### General Appearance Inspection Points

#### General Appearance

#### General Appearance Photos

Close-up Exterior Photos					
			A small crack is present. The crack does not affect the functionality of the hood.		
					
					

### General Appearance Inspection Points

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	Other (see comments)	
Comments	A small crack was seen on the hood	
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, Other (see comments)	
Comments	Some rust was seen on the steps.	
Handrails	3 - Normal Wear & Tear	
Handrails Condition	Handrails are fully intact and appear structurally sound	

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Glass	3 - Normal Wear & Tear
Glass Condition	Glass intact, no visible damage
Mirrors	3 - Normal Wear & Tear
Mirror Condition	Minor chips or cracks observed
Exterior Lights	3 - Normal Wear & Tear
Exterior Lights Condition	No visible damage, lighting system is operational
Overall Exterior	3 - Normal Wear & Tear
Comments	A crack was seen on the hood, but it does not affect the hoods functionality. Some rust was seen on the steps, but they are still solid.

### Control Station Inspection Points

#### Control Station


#### Control Station Photos

Control Station Photos					
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#### Serial Number Plate



## Inspection Report (Off-Highway Carrier or Service)

Hour Meter/Odometer	
Seat	3 - Normal Wear & Tear
Seat Condition	Seat(s) have minor surface staining or small tears, Seat adjustment controls move through full range of travel, Seat belt secures properly, Seat belt is intact and in good condition, Other (see comments)
Comments	A small amount of fraying was seen on the operators seat.
Cabin Lights	3 - Normal Wear & Tear
Cabin Lights Condition	Cabin lights are installed with all light covers in place, bulbs are installed and working properly
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	3 - Normal Wear & Tear
Travel Alarm Condition	System is configured but not operating correctly
Comments	The travel alarm does not work. The reason was not known.
Horn	3 - Normal Wear & Tear
Horn Condition	Horn is installed and functioning as expected
Backup Camera	1 - Service Required
Backup Camera Condition	Back up camera is installed but inoperative or has reduced functionality, Other (see comments)
Comments	The backup camera screen is not working.





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Control Station Overall Rating	3 - Normal Wear & Tear
Control Station Overall Condition	Minor cosmetic wear to cabin surfaces, floors, panels, and ceiling
Comments	The backup camera display does not work properly and some minor staining was seen on the seats. All else is fully functional and operational

### Engine Inspection Points

#### Engine

#### Engine Compartment Photos

Engine Data Plate					
Engine Compartment Photos					
Engine Type (Make, Model, Cylinders, Hp)	John Deere, PowerTech 6135, 443Hp				
Emissions Tier	Tier 4F				
Engine Serial Number	unable to verify				
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				

## Inspection Report (Off-Highway Carrier or Service)





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	2 - Above Average Wear & Tear
Coolant Appearance Notes	Dark, opaque appearance
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	1 - Service Required
DPF Condition Notes	Other (see comments)
Comments	This machine is having issues with the Regeneration system. John deere needs a laptop to get the machine to start the regen process
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	2 - Above Average Wear & Tear
Overall Engine Appearance	Dusty & dry
Overall Engine Comments	The engine works fine, but there is a regeneration issue. John deere has to come out with a laptop to get the machine to go into regen mode.

### Drivetrain Inspection Points

#### Drivetrain

### Drivetrain Inspection Points

## Inspection Report (Off-Highway Carrier or Service)

<b>Drivetrain Photos</b>	 <p>An active hydraulic leak</p>
	
	
	
<b>Hydrostatic Transmission?</b>	N/A
<b>2 Speed?</b>	N/A
<b>Drive Type</b>	Other (see comments)
<b>Other Drive Type</b>	6x4 with differential lock
<b>Transmission Components</b>	3 - Normal Wear & Tear
<b>Transmission Condition</b>	Good forward and reverse function, Leaking transmission fluid observed, Other (see comments)
<b>Comments</b>	Transmission type - Countershaft, Final Drive - Planetary-Outboard, It is a Hydraulic Transmission manufactured by ZF
<b>Drive Motors</b>	0
<b>Parking Brake</b>	3 - Normal Wear & Tear
<b>Parking Brake Function</b>	Good brake function
<b>Overall Drivetrain Rating</b>	3 - Normal Wear & Tear
<b>Overall Drivetrain Comments</b>	Some active leaks were seen coming from the transmission area. The overall drivetrain itself is fully functional and in good working order

## Chassis Inspection Points

<b>Chassis Photos</b>	
	
	





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Turntable Bearing	3 - Normal Wear & Tear
Frame	3 - Normal Wear & Tear
Bottom Covers	3 - Normal Wear & Tear
Carrier Body	3 - Normal Wear & Tear
Overall Chassis	3 - Normal Wear & Tear
Overall Chassis Comments	Chassis is in good condition

## Travel System Inspection Points

### Wheels & Tires

### Wheels & Tires Inspection Points

Wheels & Hubs	3 - Normal Wear & Tear
Wheel Seal Leaks	No
Tire Brand	Michelin
Tire Size	875/65 R29
Front Left Tire - Ratio Remaining	70%
Front Left Tire Photos	
Front Right Tire - Ratio Remaining	70%
Front Right Tire Photos	
Rear Right Tire - Ratio Remaining	70%
Rear Right Tire Photos	
Rear Left Tire - Ratio Remaining	70%
Rear Left Tire Photos	


## Hydraulics Overall Inspection Points

### Hydraulics Overall

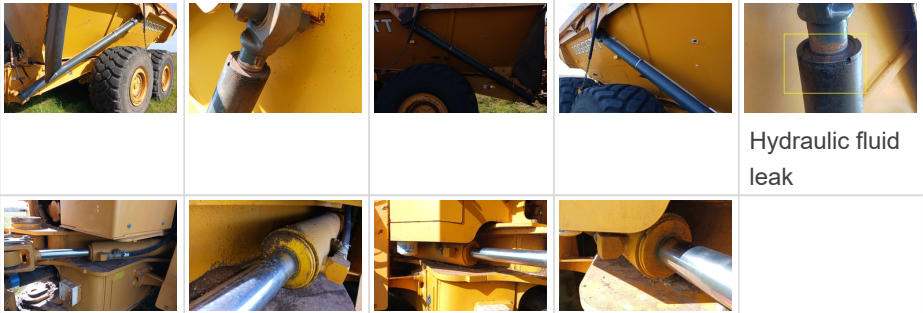
### Hydraulic System Inspection Points



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Hydraulic System Photos	
Wet or Damp Hydraulic Lines / Fittings	No
Hydraulic Lines/Fittings	3 - Normal Wear & Tear
Hydraulic Lines / Fittings Condition	Other (see comments)
Comments	some cracking was seen on a few hoses, and areas of rust were seen on the line going to the lift cylinders to the dump body.
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	
	Hydraulic fluid leak
Mounting Pins	3 - Normal Wear & Tear
Cylinder Oil Leaks	No
Comments	some leaks were seen on the hydraulic cylinder
Hydraulic System Overall	3 - Normal Wear & Tear
Comments	The overall hydraulic system is functional


## Additional Attachment Inspection Points

### Additional Attachment(s)

### Additional Attachments

Attachment Type	Dump truck
Attachment Make	John Deere
Attachment Size / Specs	Capacity - Struck 23.3yd <sup>3</sup> , Capacity - Heaped 29.7yd <sup>3</sup>

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Attachment Condition	3 - Normal Wear & Tear
Comments	areas of rust were seen on the dump body
Attachment Photos	

### Functional Test

### Functionality Assessment

### Functionality Assessment

Engine	2 - Above Average Wear & Tear
Comments	There is a regeneration issue with the machine. It will not go into regen mode on its own. A John Deere tech must come out to get the regen process to start.
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, but there is a regen issue with the engine.

### Overall Assessment

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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 &amp; 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 &amp; 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	2 - Above Average Wear & Tear												

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<b>Functionality Rating</b>	3 - Normal Wear & Tear
<b>Overall Rating</b>	3 - Normal Wear & Tear
<b>Summary Video</b>	<a href="#">Click to Download</a>
<b>What's Great About the Machine</b>	The machine is solid and fully functional
<b>What Needs Work</b>	The machine has a regen issue and the cause was not known.
<b>Any Additional Info from the Seller?</b>	This machine was used in civil construction
<b>Date/Time</b>	12-19-2023
<b>Inspector Name</b>	Steven Mesa