

Inspection Report (Excavator)

General Info

B&B Stock Number	N/a
Year	2017
Make	Doosan
Model	Dx420lc
Serial Number	Dwgcecbfje1010006
Hour Meter Reading	1
Previous Application (e.g., earth moving, mining, demolition, etc)	Earth moving

Dimensions

A. Length (ft and inches)	38.62
B. Width (ft and inches)	11
C. Height (ft and inches)	12.8
Operational Weight (lbs)	901701

Features and Configuration

Control Station Type	Cab
Travel System	Track Undercarriage
Bucket	Yes
Blade	No
Additional Attachment(s)	No
Hydraulic Coupler	Yes
Auxiliary Hydraulics	No
Hydraulic Thumb	No
Heat	Yes
A/C	Yes
Radio	Yes
Backup Camera	Yes
OMM (Operator & Maintenance Manual)	No
Telematics	No

Exterior Walkaround Photos

360 Walkaround & Operating Video

Walkaround Photos & Operating Video

Inspection Report (Excavator)

Exterior Walkaround Photos					
					
Operating Video	Click to Download				

General Appearance Inspection Points

General Appearance

Inspection Rating Criteria

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.

General Appearance Photos

Close-up Exterior Photos					
					

General Appearance Inspection Points

Body Panels	1 - Service Required
-------------	----------------------



Inspection Report (Excavator)

Body Panel Condition	Large dents or cracks
Doors / Canopy Latches	5 - Like New, Recently Replaced
Steps / Ladders	2 - Above Average Wear & Tear
Steps / Ladders Condition	Bent or broken steps or rungs
Handrails	2 - Above Average Wear & Tear
Handrails Condition	Bent or broken railings
Glass	5 - Like New, Recently Replaced
Mirrors	0
Exterior Lights	0


Control Station Inspection Points

Control Station

Control Station Photos

<p>Control Station Photos</p>	
<p>Serial Number Plate</p>	

Inspection Report (Excavator)


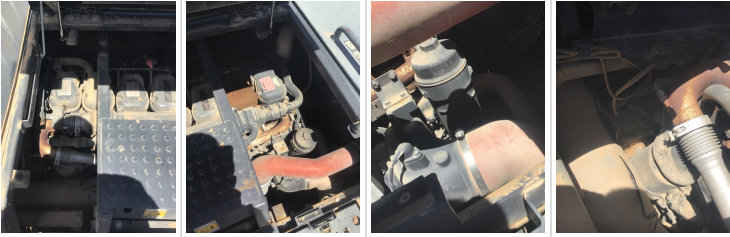
Hour Meter/Odometer	
Control Station Overall Rating	3 - Normal Wear & Tear
Control Station Overall Condition	Significant wear and tear to cabin floor, panels, and ceiling
Operator Seat	3 - Normal Wear & Tear
Operator Seat Condition	Seat(s) have minor surface staining or small tears
Cabin Lights	0
Safety Lock Out / Stop	5 - Like New, Recently Replaced
Controls & Switches	3 - Normal Wear & Tear
Controls & Switches Condition	Switches have good functionality, minor cosmetic damage observed
Hour Meter Activity	5 - Like New, Recently Replaced
Other Gauge Activity	5 - Like New, Recently Replaced
Heater & A/C	5 - Like New, Recently Replaced
Travel Alarm	5 - Like New, Recently Replaced
Horn	5 - Like New, Recently Replaced
Backup Camera	5 - Like New, Recently Replaced

Engine Inspection Points

Engine

Engine Compartment Photos

Inspection Report (Excavator)

Engine Data Plate	
Engine Compartment Photos	
Engine Type (Make, Model, Cylinders, Hp)	6cyl scani
Emissions Tier	Tier 3
Engine Serial Number	Scania cv ab
Engine Fuel Type	Diesel
Blow-by (Visual Observation Check)	Yes
Unusual Noises (Upon Start-up, Idle, Shutdown)	No
Engine Smoke (Upon Start-up, Idle, Shutdown)	No
Engine Exhaust Color	Clear
Battery	1 - Service Required
Battery Condition	Other (see comments)
Comments	Was dead
Radiator	5 - Like New, Recently Replaced

Inspection Report (Excavator)

Radiator Condition	Radiator fins & components appear to be in good working order, no signs of damage or leaks
Belts	2 - Above Average Wear & Tear
Belt Condition	Cracks, missing grooves, or separating layers on one or more belts
Hoses	2 - Above Average Wear & Tear
Hose Condition	Firm, pliant hoses with no signs of wear or leaks
Water Pump	5 - Like New, Recently Replaced
Cooling System Leaks	No
Coolant Color / Appearance	5 - Like New, Recently Replaced
Coolant Color/Appearance Notes	Normal Translucent appearance, no visual signs of contamination
Oil Leaks	No
Oil Color / Appearance	3 - Normal Wear & Tear
Oil Color / Appearance Notes	Dirty oil appearance, signs of particulate matter & deposits seen, Appropriate oil level
Fuel Leaks	No
Equipped with DPF (Diesel Particulate Filter)	Yes
DPF Condition	5 - Like New, Recently Replaced
Requires DEF (Diesel Exhaust Fluid)	Yes
DEF Tank	3 - Normal Wear & Tear
Overall Engine Rating	3 - Normal Wear & Tear
Overall Engine Appearance	Dusty & dry, Areas of dried seepage seen on engine hoses & components
Overall Engine Comments	Minor wear, lots of blow by by oil cap

Drivetrain Inspection Points


Drivetrain

Drivetrain Photos	

Inspection Report (Excavator)

Hydrostatic Transmission?	Yes
2 Speed?	Yes
Hydrostatic Drive Configuration	Close Coupled Transmission
Transmission Components	3 - Normal Wear & Tear
Transmission Condition	Good forward and reverse function
Drive Motors	5 - Like New, Recently Replaced
Parking Brake	5 - Like New, Recently Replaced
Parking Brake Function	Good brake function
Overall Drivetrain Comments	Other than everything being damp, everything works as should

Chassis Inspection Points

Chassis Photos		
Boom Condition	1 - Service Required	
Comments	Damp/leaks	
Stick Condition	4 - Very Light or Minimal Wear	
Comments	Minor wear	
Boom Base Pin & Bushings	5 - Like New, Recently Replaced	
Boom to Stick Pin & Bushings	5 - Like New, Recently Replaced	
Stick to Bucket Pin & Bushings	5 - Like New, Recently Replaced	
Turntable Bearing	5 - Like New, Recently Replaced	
Bottom Covers	5 - Like New, Recently Replaced	
Overall Chassis	3 - Normal Wear & Tear	
Overall Chassis Comments	Dents and scratches	

Travel System Inspection Points

Track Undercarriage

Basic Information

High Drive Configuration	No
Sealed and Lubricated Track Undercarriage (SALT)?	Yes
Oil Filled?	Yes
Grease Filled?	No

Inspection Report (Excavator)

Low Ground Pressure (LGP)?	No
Track Shoe Width (inches)	30
Length of Track on Ground (ft and inches)	12
Number of Rollers (per side)	11
Number of Shoes (per side)	1

Undercarriage Photos


Undercarriage Photos	
----------------------	--

Undercarriage Components

Sprocket Teeth	5 - Like New, Recently Replaced
Track Bushings	5 - Like New, Recently Replaced
Track Frames	5 - Like New, Recently Replaced
Pivot Shafts	5 - Like New, Recently Replaced
Equalizer Bar & Joints	5 - Like New, Recently Replaced
Front Idler	5 - Like New, Recently Replaced
Track Tensioner	5 - Like New, Recently Replaced
Track links	5 - Like New, Recently Replaced
Bottom Rollers	5 - Like New, Recently Replaced
Overall Undercarriage	3 - Normal Wear & Tear
Overall Undercarriage Comments	Wet missing bolts

Hydraulics Overall Inspection Points


Hydraulics Overall

Hydraulic System Photos	
Wet or Damp Hydraulic Lines / Fittings	Yes
Appearance of Hydraulic Lines / Fittings	3 - Normal Wear & Tear
Hydraulic Lines / Fittings Condition	Dried seepages observed


Inspection Report (Excavator)

Hydraulic Pump(s)	2 - Above Average Wear & Tear
Unusual Noises (Hydraulic Pump)	No
Hydraulic Pump Notes	No unusual noises heard during operation

Hydraulics Cylinders Inspection Points

Hydraulic Cylinder Photos	
Hydraulic Cylinder(s): Mounting Pins	5 - Like New, Recently Replaced
Cylinder: Oil Leaks	No

Bucket Inspection Points

Attachment Photos	
Bucket	5 - Like New, Recently Replaced
Bucket Teeth	5 - Like New, Recently Replaced
Blade	0
Blade Edge	0

Functional Test

Functionality Assessment

Functionality Assessment

Engine	5 - Like New, Recently Replaced
Transmission/Drivetrain	5 - Like New, Recently Replaced
Travel (Forward/Reverse/Steering)	5 - Like New, Recently Replaced
Brakes	5 - Like New, Recently Replaced
Hydraulic System	5 - Like New, Recently Replaced
Electric Operating System	5 - Like New, Recently Replaced
Controls	5 - Like New, Recently Replaced
Safety Systems	5 - Like New, Recently Replaced
Core Functions	5 - Like New, Recently Replaced
Attachments	5 - Like New, Recently Replaced

Inspection Report (Excavator)

Overall Functional Test Comments	Works as should.
----------------------------------	------------------

Overall Assessment

Overall Assessment

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.
Exterior Rating	3 - Normal Wear & Tear	
Interior Rating	4 - Very Light or Minimal Wear	
Safety Rating	5 - Like New, Recently Replaced	
Quality Rating	4 - Very Light or Minimal Wear	
Functionality Rating	5 - Like New, Recently Replaced	
Overall Rating	3 - Normal Wear & Tear	
What's Great About the Machine	Operation of it	
What Needs Work	Body/ interior	
Date/Time	06-07-2023	