

Inspection Report (Excavator)

General Info

B&B Stock Number	A1240083
Year	2017
Make	Hyundai
Model	HX220 L
Serial Number	HHKHK601HH0000489
Hour Meter Reading	6678.5
Previous Application (e.g., earth moving, mining, demolition, etc)	Earth moving

Features and Configuration

Control Station Type	Cab
Travel System	Track Undercarriage
Bucket	Yes
Bucket Specs	.6 yd
Blade	No
Additional Attachment(s)	No
Hydraulic Coupler	Yes
Auxiliary Hydraulics	Yes
Hydraulic Thumb	No
Heat	Yes
A/C	Yes
Radio	Yes
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

Exterior Walkaround Photos	
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Inspection Report (Excavator)

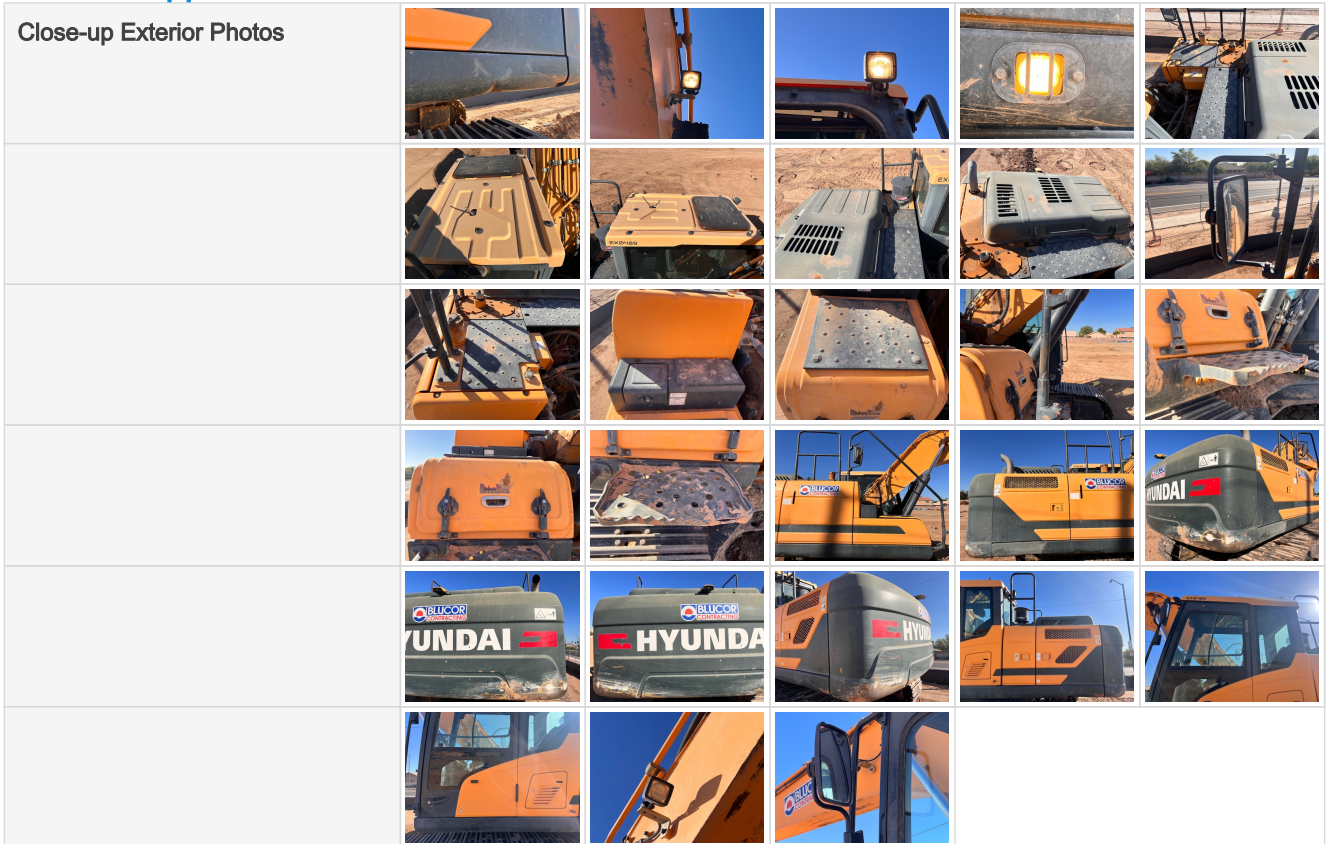


General Appearance Inspection Points

General Appearance

General Appearance Photos

Close-up Exterior Photos



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	Visible chipped paint or dents	
Doors / Canopy Latches	3 - Normal Wear & Tear	
















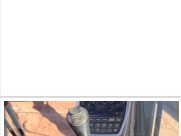

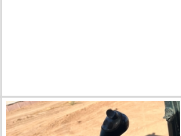
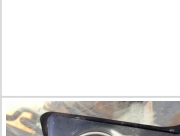

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Doors / Canopy Latches Condition	Intermittent sticking observed on one or more latches/doors
Steps / Ladders	2 - Above Average Wear & Tear
Steps / Ladders Condition	Bent or broken steps or rungs
Comments	Right side step bent
Handrails	3 - Normal Wear & 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
Comments	Missing right side mirror
Exterior Lights	2 - Above Average Wear & Tear
Exterior Lights Condition	One or more exterior lights are non-operational
Comments	Right side boom light inoperative
Overall Exterior	3 - Normal Wear & Tear
Comments	Normal wear and tear. No major issues to report

Control Station Inspection Points

Control Station

Control Station Photos

Control Station Photos					
					
					
					

Inspection Report (Excavator)

Cabin Lights Condition	Cabin lights are installed with all light covers in place, bulbs are installed and working properly
Safety Lock Out / Stop	1 - Service Required
Safety Lock Out / Stop Condition	Improper/insufficient safety lock out device is supplied for the machine
Comments	Lockout lever inoperative
Controls & Switches	3 - Normal Wear & Tear
Controls & Switches Condition	Switches have good functionality, minor cosmetic damage observed
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	Heater and A/C work as expected
Travel Alarm	1 - Service Required
Travel Alarm Condition	System is configured but not operating correctly
Comments	Travel alarm inoperative
Horn	3 - Normal Wear & Tear
Horn Condition	Horn is installed and functioning as expected
Backup Camera	3 - Normal Wear & Tear
Backup Camera Condition	Back up camera is installed and functioning as expected
Control Station Overall Rating	1 - Service Required
Control Station Overall Condition	Minor cosmetic wear to cabin surfaces, floors, panels, and ceiling

Engine Inspection Points

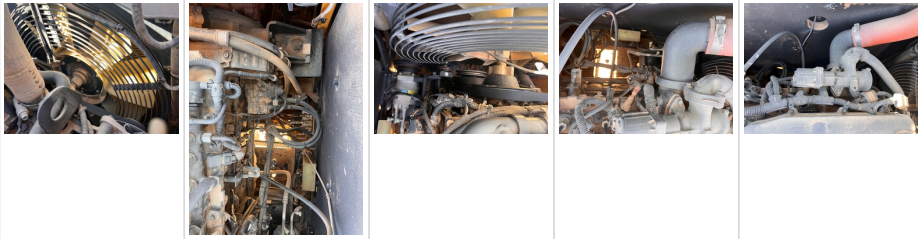





Engine

Engine Compartment Photos

Engine Data Plate



Inspection Report (Excavator)

Engine Compartment Photos	
	
	
	
	
	
Engine Type (Make, Model, Cylinders, Hp)	Cummins, QSB6.7
Emissions Tier	Tier 4F
Engine Serial Number	22243638
Engine Fuel Type	Diesel
Blow-by (Visual Observation Check)	No
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


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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	1 - Service Required
Coolant Appearance Notes	Other (see comments)
Comments	No coolant in reservoir/ low coolant in radiator/ low coolant error code
Oil Leaks	No
Oil Appearance	3 - Normal Wear & Tear
Oil Appearance Notes	Clean oil appearance, no signs of cross contamination
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 dirty, fluid is clear and appears free of contaminants
Overall Engine Rating	3 - Normal Wear & Tear
Overall Engine Appearance	Very dirty
Overall Engine Comments	Broken coolant reservoir tank / fuel leak low coolant alarm

Drivetrain Inspection Points

Drivetrain


























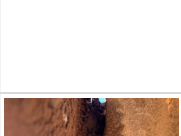



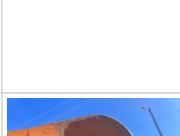

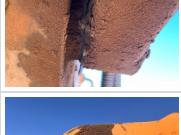













Drivetrain Inspection Points

Drivetrain Photos	
Hydrostatic Transmission?	No
2 Speed?	No









Inspection Report (Excavator)

Hydrostatic Drive Configuration	Other (see comments)
Comments	Drive motors
Drive	N/A
Transmission Components	0
Drive Motors	2 - Above Average Wear & Tear
Comments	Seepage at rear right drive motor
Parking Brake	0
Overall Drivetrain Rating	3 - Normal Wear & Tear
Overall Drivetrain Comments	Seepage at rear right drive motor. Normal wear and tear. No major issues to report

Chassis Inspection Points

Chassis Photos					
					
					
					
					
					
					
					
					

Inspection Report (Excavator)

	    
	  
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	2 - Above Average Wear & Tear
Turntable Bearing	3 - Normal Wear & Tear
Bottom Covers	2 - Above Average Wear & Tear
Overall Chassis	3 - Normal Wear & Tear
Overall Chassis Comments	Stick to hydraulic coupler pin has worn bushings / missing keeper bolts/ hydraulic quick coupler eyelets out of round

Travel System Inspection Points












Track Undercarriage

Basic Information

OEM System Configuration (Ex. CAT SystemOne)	Unable to verify
High Drive Configuration	No
Sealed and Lubricated Track Undercarriage (SALT)?	No
Oil Filled?	No
Grease Filled?	Yes
Low Ground Pressure (LGP)?	No
Track Shoe Width (inches)	32"
Length of Track on Ground (ft and inches)	12' 7"
Number of Carrier Rollers (per side)	2
Number of Rollers (per side)	9
Number of Shoes (per side)	49

Undercarriage Photos

Inspection Report (Excavator)

Undercarriage Photos					
					
					
					
					
					
					
					
					
					
					

Undercarriage Inspection Points

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

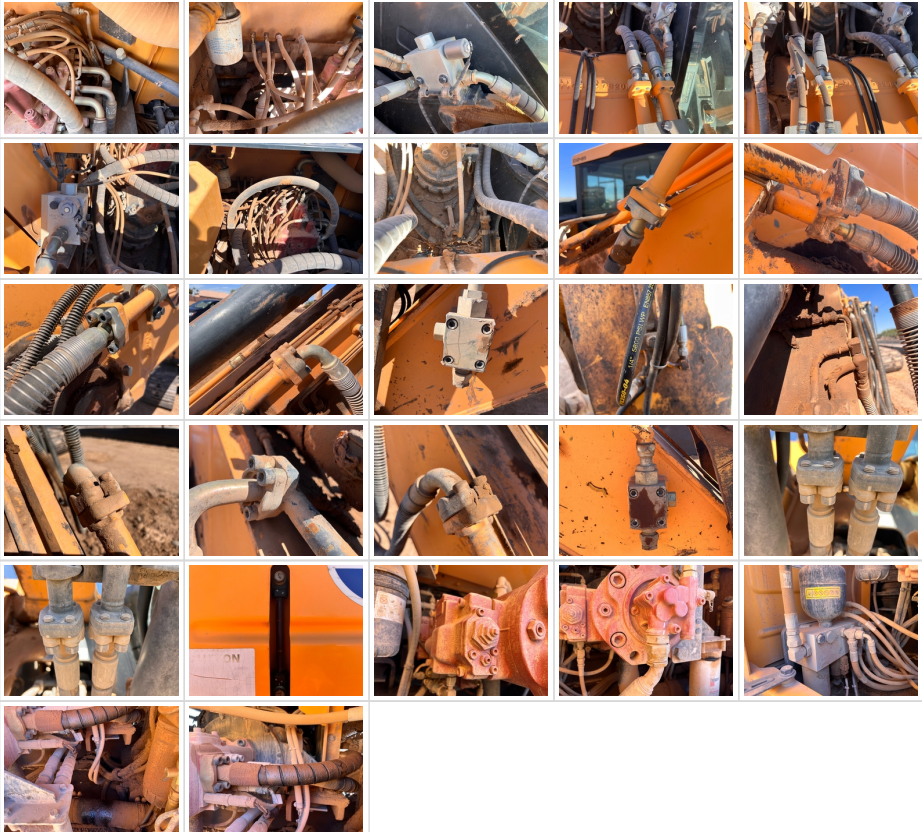
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Track Frames	3 - Normal Wear & Tear
Pivot Shafts	0
Equalizer Bar & Joints	0
Front Idler	3 - Normal Wear & Tear
Track Tensioner	3 - Normal Wear & Tear
Track links	3 - Normal Wear & Tear
Bottom Rollers	3 - Normal Wear & Tear
Carrier Rollers	3 - Normal Wear & Tear
Overall Undercarriage	3 - Normal Wear & Tear
Overall Percent Estimate	50%
Overall Undercarriage Comments	Normal wear and tear. No major issues to report

Hydraulics Overall Inspection Points

Hydraulics Overall

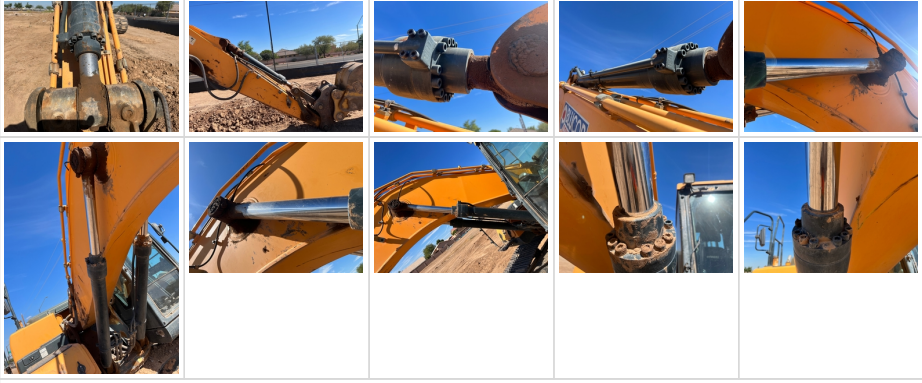
Hydraulic System Inspection Points

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				


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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				
Hydraulic System Overall	2 - Above Average Wear & Tear				
Comments	Dried seepage/ wet hydraulic lines				

Bucket Inspection Points

Attachment Photos					
Bucket	3 - Normal Wear & Tear				
Bucket Teeth	2 - Above Average 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	0

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Hydraulic System	3 - Normal Wear & Tear
Electric Operating System	3 - Normal Wear & Tear
Controls	3 - Normal Wear & Tear
Safety Systems	2 - Above Average Wear & Tear
Core Functions	3 - Normal Wear & Tear
Attachments	3 - Normal Wear & Tear
Overall Functional Test Comments	Normal wear and tear. Seat belt and safety lockout need service per safety concerns.

Overall Assessment

Overall Assessment

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	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	2 - Above Average Wear & Tear	
Safety Rating	1 - Service Required	
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	-starts right up -no abnormal noises	
What Needs Work	-safety lock out -seat bent -wet hydraulic hoses	
Date/Time	10-26-2023	
Inspector Name	Javier Bocanegra	