

Location: Skyblack Rentals  
Houston TX

**TRUCK AND EQUIPMENT CONSULTING LLC – EXCAVATOR CHECKLIST (STANDARD)**

Date (Y/M/D) 5/3/2023  
Inspector Initials P.B.

(Basic Information)	
(Manufacturer)	Caterpillar
(Model Number)	320E
(Serial Number)	CAT0320EASXE01002
(Year of Manufacturing)	2014 (built 12/2013)
(Hour Meter Reading) Unconfirmed	Meter 3111.8 Hrs/Filter marked 6042 Hrs
(Engine Model) s/n C8N17754 Tier IV	CAT C6.6ACERT 153 Hp 6.6L I6 TurboD
(Transmission)	Hydrostatic
(No.of Shoes/Size)	49 per side / 24 in
(Track/Carrier Rollers) per side	Track Rollers =8/Carrier Rollers =2

Specification and Dimensions	
Serial Plate/Frame Inscription	CAT0320EASXE01002
Cabin/Canopy (Circle)	Enclosed Cab
EPA Certificate / Permits Posted	ROPS
Window Venting / Air Conditioning	Automatic Climate Control A/C + Heat (working)
Track Length/Gauge	Length =14 Ft 6 in / Gauge =7 Ft 10 in
Bucket	1.06 yd3
Hydraulic Relief Pressure	Travel Circuit =5076 psi/ Equip =5076 psi
Hydraulic Fluid/Engine Oil/Coolant	Hyd Tank=37.8 gal/ Eng Oil=6.1 gal/Coolant=7.9 gal
Hydraulic System/Fuel Capacity	Hyd Sys =68.7 gal / Fuel =108.3 gal
Boom/Stick	Boom =18 Ft 8 in / Stick =9 Ft 6 in
Other	Aux Hydraulics, Bucket w/deflectors
	Rear View Camera

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

		(Check List)					(Remarks)
		A	B	C	D	E	
GENERAL APPEARANCE	(General Appearance-Front)			X	X		Front frame+panel dented+bent, Active wet leak on top of crossmember
	(General Appearance-Rear)			X			Some surface scrapes+cosmetics counterweight Right rear panel damaged
	(General Appearance-Right )			X	X		Right side panel dented +damaged loose panel + uneven panel gaps
	(General Appearance-Left )			X			Surface rust +paint cosmetics Left side panel Heavy wear+tear
	(General Appearance-Upper )			X			1 upper cover panel dented uneven gaps Exhaust stack rusty
	(Major / Minor Surface Rust)			X			Areas of surface rust on panels, rust on areas of heavy wear+tear
	(Body Panels / Covers – Rust Damage / Cancer)			X	X		Front lower frame panels, right side panel damaged, rust on worn areas
	(Visible Weld Repairs / Stress Cracks)		X				None seen
	(Glass Condition)		X				Good glass No damage to glass seen
	(Chassis / Undercarriage Damage)			X	X		Areas of wetness, heavy wear+tear underside panels uneven panel gaps
OPERATOR'S COCKPIT	(Operator Cabin)			X			Key Fob damaged, solid floors surface wear side console button covers
	(Operator Controls and Switches)		X				Complete Good function
	(Hour Meter Activity)			X			Unconfirmed Meter 3111.8 Hrs / Filter Marked 6042 Hrs
	(Other Gauge Activity)			X			Display + Rear View Camera Working
	(Door / Canopy Latches)		X	X			Door Latches + cover panels + latches working Some loose covers
	(Safety – Horn / First Aid Kit)		X				Working
	(Operator Seat Condition)				X		Top + Bottom Seat Covers damaged
	(Safety – Seat Belts / Fire Extinguisher)		X				Yes
ENGINE	(Oil Color / Fluid Appearance / Particulates or Granuales)		X				Good oil level and appearance No blow by seen at operating temps
	(Noise Upon Startup / Noise Upon Idle / Noise Upon Shut Down)		X				No unusual noises at startup or shut down Smooth idle
	(Engine Exhaust Color – White / Blue / Black / Clear)		X				Clear
	(Oil Leaks )		X				No active Engine oil leaks seen
	(Engine Smoke Upon Startup / Upon Idle / Upon Shut Down)		X				No smoke issues at start up, during operations, or at shut down
	(Coolant Color / Fluid Appearance )		X				Good appearance of coolant
	(Water Pump Noises / Damp Hoses / Coolant Leaks)		X				No coolant noises, No damp radiator hoses
	(Coolant Leaks from Radiator)		X				No dried seepages seen No discoloration on radiator fins or tanks
(Overall Engine Appearance Clean / Wet / Dry)		X	X			Engine good appearance 1 plastic resevoir has hole on top of bottle	
HYDRAULICS OVERALL	(Overall appearance of Hydraulic lines/fittings – worn/cracked)		X	X			Wet and damp hydraulic hoses+fittings
	(Hydraulic Pump Sounds / Noises)		X				No clicking No unusual noises under load or at pressure
	(Wet or Damp hydraulic lines and fittings / fluid leaks)				X		Areas of wet puddles hydraulic fluid on front crossmember+inner area
	(External Controls / Levers Condition)		X				Good condition all controls
	(Hydraulics Service Records / Maintenance History)				X		Filter Marked 6042 HRS / Meter Reads 3111.8 HRS

ELECTRICAL	(Lighting System Condition)		X			1 boom light No damage
	(Reverse Alarm / Backup Signal)					N/A
	(Battery Condition)		X			Good battery compartment and battery + cables appearance
	(Other Electric Device Condition)		X			No loose or dangling wires, harness+fuses good appearance
SWING TABLE	Swivel Bearing Condition		X			Good rotation both direction No vibrations No grinding noises
	Swivel Motor Condition		X			Good performance
	Swivel Joint Condition		X			Good appearance
	(Other Remarks)		X			Good Functionality + Performance
TRANSMISSION	(Clutch Noise / Function)		X			No delays, vibrations, or unusual noises
	(Transmission Noise / Function)		X			No delay or noises into forward or reverse Good Function
	(Shift Lever Condition & Function)		X			Good shifter functionality
	(Other Remarks)		X			Good performance + functionality
HYDRAULICS CYLINDERS	BOOM	(Oil Leak from Cylinder)	X			Minimal discoloration or dried seepages seen Above Average
		(Mounting Pin Condition)	X			Newer pins appearance Above Average appearance
	DIPPER	(Oil Leak from Cylinder)	X			Minimal discoloration or dried seepages seen Above Average
		(Mounting Pin Condition)	X			Newer pins appearance Above Average appearance
	BUCKET	(Oil Leak from Cylinder)	X			Minimal discoloration or dried seepages seen Above Average
		(Mounting Pin Condition)	X			Newer pins appearance Above Average appearance
		(Other Remarks)	X			Above Average Appearance
CRAWLER & WHEEL ASSEMBLIES	(Transom / Boom / Arm Function / Noise )		X			No unusual noises Good function
	(Slack in Pins / Loose Pins / Soft Bushings)		X			Normal track movement
	LEFT SIDE Link Bush / Drive Sprocket / Shoe Condition		X			Caked in dried mud No damage Sprockets Good Appearance B
	RIGHT SIDE Link Bush / Drive Sprocket / Shoe Condition		X			Caked in dried mud No damage Sprpckets Good Appearance B
	LEFT SIDE Upper & Lower Roller / Front Idler Condition		X			Caked in dried mud No damage Rollers+Idler Surfaces Good appearance=B
	RIGHT SIDE Upper & Lower Roller / Front Idler Condition		X			Caked in dried mud No damage Rollers+Idler Surfaces Good appearance=B
BUCKET	(Track Condition)		X	X		Tracks + Grousers Good appearance Caked in dried mud
	( Bucket Edge)		X			Deflectors Good Appearance
	(Bucket Bottom / Reinforced / Plate Condition)		X			No rust No damage to bucket seen
	(Bucket Link Condition)		X			No damage
	(Side Cutter Condition)		X			Good
	(Thumb)					N/A
BRAKES	Other Comments		X			Good hydraulic curl+articulation
	(Foot Brake)		X			Good brake function
	(Inching Brake)		X			Good
	(Parking Brake)		X			Good
	Front Panel			X		Areas of wetness, heavy wear+tear underside panels uneven panel gaps
UNDERSIDE	Rear Panels			X		Areas of wetness, heavy wear+tear underside panels uneven panel gaps
	Center Panels			X		Areas of wetness, heavy wear+tear underside panels uneven panel gaps
	Spring Condition			X		Areas of wetness, heavy wear+tear underside panels uneven panel gaps
	FORWARD & REVERSE		X			Good Forward and Reverse Function
OPERATION	SWING TABLE ROTATION		X			No Noises Good 360 both direction
	BOOM LIFT / ANGLE / TILT		X			Good boom function and travel
	OVERALL FUNCTIONALITY		X			Good Functionality
	OVERALL VISUAL INSPECTION			X	X	Areas of heavy wear+tear.uneven panel gaps, damaged side+front panels
OPERATION	COMMENTS			X	X	2 areas of wet hydraulic leaks+fluid puddles Some rust belly shows wear
	OVERALL PERFORMANCE INSPECTION		X	X		Limited Travel Engine good, controls+functions good Undercarriage
	COMMENTS			X		Good engine, hydraulic performance+function Not load or pressure tested

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

**TRANSPORT DIMENSIONS: (ref only)**

Length: 30 Ft 8 in  
Width: 9 Ft 9 in  
Height: 12 Ft 3 in  
Max Weight: 54,450 lbs lbs

\*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