

## APPRAISAL FAMILY: TRACK TYPE EXCAVATORS

Account Manager:Jourdan Kimbrough	Inspection Date:6/3/2022
Inspector:Jim Lockhart	Report Date:6/9/2022
Location:Phoenix, AZ.	Approved Date:6/13/2022
	Expiration Date:8/12/2022

## MACHINE DETAILS

Manufacturer:AA	Model:320E	S/N:0TFX01548
Year:2016	Eng S/N:C8N33825	Trans S/N:
SMU/Hrs:4160	Hours Date:6/3/2022	
Last Schedule:	Last CTS:	Last PM:
Date Oil Sample Sent to Lab:6/6/2022	Oil Sample:	
Recommendations:Sample history is attached - no reportable issues		

## TRACK TYPE EXCAVATORS CONFIGURATION

ECM Download: Yes	GPS READY: No	Product Link: Includes
Enclosed Cab: Yes	Open Cab: No	Air Conditioner: Yes
Auxiliary Hydraulics: No	Blade, Leveling: No	Boom, One Piece: Yes
Boom, Two Piece: No	Boom Length: 18ft 7in Heavy Lift	Boom Check Valve: Yes
Stick, Long: No	Stick, Medium: Yes	Stick, Short: No
Stick Length: 9ft 6in	Stick Check Valve: Yes	Coupler, Quick: Yes
Bucket Size: 24in CAT	Thumb, Hydraulic: No	Thumb, Mechanical: No
Track Shoe Width/Type: 28in TG C/P	High Ambient Cooling: Yes	Guarding: No
Engine Tier Rating: Tier 4I	Pattern Changer: Yes	Cab Riser: No
Auto-Lube: No	Straight Travel Pedal: Yes	Product Link: Yes
Anti-Theft System: No	Comments:	

## GENERAL APPEARANCE

CODE	REMARKS
Radiator Grill	Good
Shroud	Good
Engine Enclosure	Good
Hood / Stack	Good
Catwalk	Not Applicable
Fuel Tank	Good
Crankcase Guard	Good
Battery Box	Good
Drawbar	Not Applicable
Main Frame Welds	Good
Car Body	Good
Bumper	Fair Bumper under cab has minor damage - fender/bumper has minor damage at right rear corner
Counterweight	Good Light swing dings - no repairs needed
Pre-Cleaner Bowl	Not Applicable
Cab	Good
Steps / Ladder	Good
Grab Irons	Good
Paint	Good
Sheet Metal	Fair Body panel on fuel tank had minor damage - no repairs needed
Engine Doors	Fair Cooler door has light scrape dent
SOS Taken	Yes Engine and hydraulics - no reportable issues
Extra Fuel Tanks	No
Cleaning Required	Yes Clean for transport and delivery - detail operators compartment
Notes	



## SAFETY ITEMS

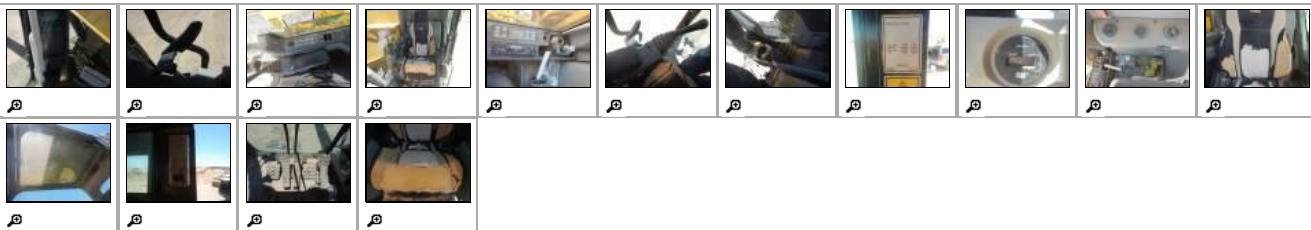
CODE	REMARKS
Safety Decals In Place	Yes
Safety Decals Legible	Yes
ROPS	Good
FOPS	Not Applicable

Horn	Good	
Travel Alarm	Good	
Swing Brake	Good	
Brake Hold	Good	
Notes		



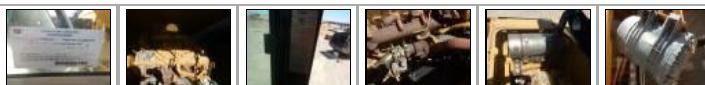
## GAUGES, OPERATOR STATION, CONSOLE

CODE	REMARKS	
Dash Console	Good	
Meter	Good	
Gauges	Good	
Switches	Good	
Wipers	Good	
Air Conditioner	Good	
Heater	NI	
Interior Lights	Poor	Dome light is not working
Seat Cushions / Arm Rests	Poor	Fabric seat covers are worn into the foam - foam is good
Floor Boards	Good	
EMS Panel / Warnings	Good	
Doors	Fair	Door has minor damage - closes fine - would not do anything at this time
Door Latches	Good	
Glass / Mirrors	Good	
Seat Belt	Good	
Hyd Controls	Fair	Lever for safety wand is loose
Parts Book	No	
Safety Manual	Yes	
O&MM	Yes	
ROPS Cert Plate	Yes	
Notes		



## ENGINE

CODE	REMARKS	
Oil Leaks	No	No observable engine oil leaks
Blow By	No	
Knocking	No	
Compression In Radiator	No	
Water In Oil	No	
Fluid Levels OK?	Yes	
EPA Decal	Yes	EPA tag is scuffed and difficult to read - should be replaced
Anti-freeze Color	RED	
Oil Pressure (H/L/W)	NORMAL	
Smoke (B/D/L/W)	NORMAL	
Operating Condition	Good	
Turbocharger / Blower	Good	
Fuel Injection System	Good	
Governor	Good	
Engine Supports	Good	
Air Cleaners	Good	
Exhaust / Muffler	Good	
Belts / Pulleys	Good	
Oil Filter Condition	NI	
(Cut)	No	
Notes		



## COOLING SYSTEM

CODE	REMARKS
Radiator	Good
Coolers	Good
Hoses	Good
Water Pump	Good
Fan	Good
Fan Drive	Good
Notes	



## ELECTRICAL, STARTING AND CHARGING SYSTEM

CODE	REMARKS
Batteries / Cables	Good
Starter	Good
Alternator	Good
Wiring	Good
Pre-Heater	NI
Lighting	Good
Ether Aid	No
Block Heater	No
Notes	



## FINAL DRIVES

CODE	REMARKS
Plantaries / Differential	Good
Housings	Good
Drive Motors	Good
Guards	Good
Notes	



## BOOM

CODE	REMARKS
Pins / Bushings	Good
Boom Condition	Good
Boom Pins	Good
Boom Length	18ft 7in Heavy Lift
Notes	



## STICK

CODE	REMARKS
Pins / Bushings	Good
Stick Condition	Fair
Stick Pins	Good
Stick Length	9ft 6in
Notes	



## HYDRAULICS

CODE	REMARKS
Operating Condition	Good

Stick Cylinder	Good
Bucket Cylinder	Good
Thumb Cylinder	Not Applicable
Hose Lines	Good
Pumps & Valves	Good
Tank	Good
Pump Drive	Good
Control Linkage	Good
Swing Gear	Good
Swing Motors	Good
Travel Motors	Good
Hydraulic Swivel	Good
Filter Condition	NI
(Cut)	No
Swing Drive Oil	
Notes	



## ATTACHMENTS / WORK TOOLS

CODE	REMARKS
Hammer	No THIS SECTION DOES NOT APPLY
Thumb	No
Vibratory Plate	No
Auger	No
Claw	No
Crusher	No
Grapple	No
Pulverizer	No
Tilting Ditch Bkt	No
Rake	No
Shear	No
Ripper	No
Other	No
Other	No
Notes	

## BUCKET

CODE	REMARKS
Cutting Edge	Good
Teeth / Adapters	Good
Bucket Bottom	Good
Bucket Sides	Good
Bucket Linkage	Good
Bucket Mounts	Good
(Make / Model)	CAT
Width	24in
Serial Number	
Quick Coupler	Yes
Brand	CAT
Notes	



## UNDERCARRIAGE

CODE	REMARKS
Track Frame Left	Good
Track Frame Right	Good
Track Pitch	
Pins & Bushings Turned?	No
Track Shoes Regrousered?	No
Link Part No.	9W3138
Link Assemblies	SEALED
Track Shoes	28in TG C/P
Carry Rollers	Good

**EMPIRE**

# Track Type Excavators

## Inspection Report

Idlers	Good			
Track Rollers	Good			
Cannon	Good			
	LEFT TRACK	RIGHT TRACK	LEFT % WORN	RIGHT % WORN
Link	105.00	105.00	18.00	18.00
Bushing	59.00	58.00	56.00	76.00
Shoe	22.00	23.00	30.00	24.00
C/Roller	118.00	107.00	12.00	72.00
Idlers	20.00	20.00	24.00	24.00
Rollers	18.00	18.00	7.00	7.00
Sprockets	Good	Sprockets are in good shape		
Notes	Overall undercarriage condition is good			

**SERVICE**

CODE	REMARKS
Service Needed	500hr PM2 Service

**GENERAL REPAIRS AND REMARKS**

Repairs Needed: Bumper under cab - fuel tank panel - right rear fender - cab door - cooler door - bottom stick plate - seat covers - service
General comments: Machine was in production - ran and performed fine - overall condition is good

