

**APPRAISAL FAMILY: TRACK TYPE EXCAVATORS**

Account Manager: Todd Owen	Inspection Date: 7/12/2021
Inspector: Jim Lockhart	Report Date: 7/12/2021
Location: Flagstaff, AZ.	Approved Date: 7/20/2021
	Expiration Date: 9/18/2021

**MACHINE DETAILS**

Manufacturer: AA	Model: 320F	S/N: 0YBM10292
Year: 2017	Eng S/N: W7N20837	Trans S/N:
SMU/Hrs: 2095	Hours Date: 7/12/2021	
Last Schedule:	Last CTS:	Last PM: 9/13/2019
Date Oil Sample Sent to Lab:	Oil Sample:	
Recommendations: History is attached - no reportable issues		

**TRACK TYPE EXCAVATORS CONFIGURATION**






ECM Download:	Yes	GPS READY:	No	Product Link:	
Enclosed Cab:	Yes	Open Cab:	No	Air Conditioner:	Yes
Auxiliary Hydraulics:	Yes	Blade, Leveling:	No	Boom, One Piece:	Yes
Boom, Two Piece:	No	Boom Length:	18ft 8in Reach	Boom Check Valve:	No
Stick, Long:	No	Stick, Medium:	Yes	Stick, Short:	No
Stick Length:	R9ft 6in B1 HD	Stick Check Valve:	No	Coupler, Quick:	Yes
Bucket Size:	42in CAT	Thumb, Hydraulic:	Yes	Thumb, Mechanical:	No
Track Shoe Width/Type:	31in TG C/P	High Ambient Cooling:	No	Guarding:	No
Engine Tier Rating:	Tier 4F	Pattern Changer:	Yes	Cab Riser:	No
Auto-Lube:	No	Straight Travel Pedal:	Yes	Product Link:	No
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	Fair	Bottom guard under cab is bent
Battery Box	Good	
Drawbar	Not Applicable	
Main Frame Welds	Good	
Car Body	Good	
Bumper	Good	
Counterweight	Good	Swing ding on top left corner of counterweight
Pre-Cleaner Bowl	Good	
Cab	Good	
Steps / Ladder	Good	
Grab Irons	Good	
Paint	Good	
Sheet Metal	Good	
Engine Doors	Poor	Cooler door is bent
SOS Taken	Yes	Sample history is attached
Extra Fuel Tanks	No	
Cleaning Required	Yes	No cleaning needed when inspected
Notes	Static inspection - no function tests were done - compartment/component appears to be complete and operational	


**SAFETY ITEMS**







	CODE	REMARKS
Safety Decals In Place	Yes	
Safety Decals Legible	Yes	
ROPS	Good	
FOPS	Not Applicable	
Cab Guards	No	
Horn	Good	
Travel Alarm	NI	

Swing Brake	NI				
Brake Hold	NI				
Notes	Static inspection - no function tests were done - compartment/component appears to be complete and operational				
					

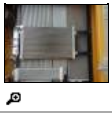
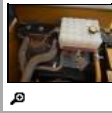











## GAUGES, OPERATOR STATION, CONSOLE

	CODE	REMARKS
Dash Console	Good	
Meter	Good	
Gauges	Good	
Switches	Good	
Wipers	Good	
Air Conditioner	NI	
Heater	NI	
Interior Lights	Good	
Seat Cushions / Arm Rests	Fair	Back seat cover is worn into foam - foam is intact
Floor Boards	Good	
EMS Panel / Warnings	Good	
Doors	Good	
Door Latches	Good	
Glass / Mirrors	Poor	Main windshield is has spider web cracking - needs to be replaced
Seat Belt	Good	
Hyd Controls	Good	
Parts Book	No	
Safety Manual	Yes	
O&MM	Yes	
ROPS Cert Plate	Yes	
Notes	Static inspection - no function tests were done - compartment/component appears to be complete and operational	
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## 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	
Anti-freeze Color		
Oil Pressure (H/L/W)		
Smoke (B/D/L/W)		
Operating Condition	Good	
Turbocharger / Blower	Good	
Fuel Injection System	Good	
Governor	Good	
Engine Supports	Good	
Air Cleaners	Good	
Exhaust / Muffler	Good	
Belts / Pullys	Good	
Oil Filter Condition	NI	
(Cut)	No	
Notes	Static inspection - no function tests were done - compartment/component appears to be complete and operational	
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## COOLING SYSTEM

	CODE	REMARKS
Radiator	Good	
Coolers	Good	
Hoses	Good	
Water Pump	Good	
Fan	Good	
Fan Drive	Good	
Notes	Static inspection - no function tests were done - compartment/component appears to be complete and operational	
  		
<b>ELECTRICAL, STARTING AND CHARGING SYSTEM</b>		
	CODE	REMARKS
Batteries / Cables	Good	
Starter	Good	
Alternator	Good	
Wiring	Good	
Pre-Heater	NI	
Lighting	NI	
Ether Aid	No	
Block Heater	No	
Notes	Static inspection - no function tests were done - compartment/component appears to be complete and operational	
 		
<b>FINAL DRIVES</b>		
	CODE	REMARKS
Plantaries / Differential	Good	
Housings	Good	
Drive Motors	Good	
Guards	Good	
Notes	Static inspection - no function tests were done - compartment/component appears to be complete and operational	
   		
<b>BOOM</b>		
	CODE	REMARKS
Pins / Bushings	NI	
Boom Condition	Good	
Boom Pins	Good	
Boom Length	18ft 8in REACH	Static inspection - no function tests were done - compartment/component appears to be complete and operational
 		
<b>STICK</b>		
	CODE	REMARKS
Pins / Bushings	NI	
Stick Condition	Good	
Stick Pins	Good	
Stick Length	R9ft 6in B1 HD	
Notes	Static inspection - no function tests were done - compartment/component appears to be complete and operational	
 		
<b>HYDRAULICS</b>		
	CODE	REMARKS

Operating Condition	NI	
Boom Cylinder	Good	
Stick Cylinder	Good	
Bucket Cylinder	Good	
Thumb Cylinder	Good	
Hose Lines	Fair	Fitting for grease line to front of Rotek bearing is broken and a zirc has been installed
Pumps & Valves	Good	
Tank	Good	
Pump Drive	Good	
Control Linkage	NI	
Swing Gear	NI	
Swing Motors	Good	
Travel Motors	Good	
Hydraulic Swivel	Good	
Filter Condition	NI	
(Cut)	No	
Swing Drive Oil		
Notes	Static inspection - no function tests were done - compartment/component appears to be complete and operational	



## ATTACHMENTS / WORK TOOLS

	CODE	REMARKS
Hammer	No	
Thumb	Yes	Hydraulic thumb
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	Static inspection - no function tests were done - compartment/component appears to be complete and operational	



## BUCKET

	CODE	REMARKS
Cutting Edge	Good	
Teeth / Adapters	Fair	Teeth have moderate wear and can be used further
Bucket Bottom	Good	
Bucket Sides	Good	
Bucket Linkage	Good	
Bucket Mounts	NI	
(Make / Model)	CATERPILLAR	
Width	42in	
Serial Number		
Quick Coupler	Yes	
Brand	CATERPILLAR	
Notes	Static inspection - no function tests were done - compartment/component appears to be complete and operational	

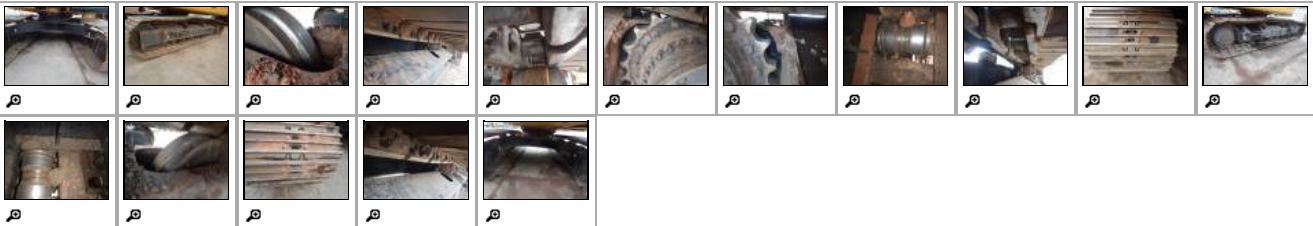


## UNDERCARRIAGE

	CODE	REMARKS
Track Frame Left	Good	
Track Frame Right	Good	
Track Pitch		



Pins & Bushings Turned?	No	
Track Shoes Regrousered?	No	
Link Part No.	9E3138	
Link Assemblies	SEALED	
Track Shoes	31in TG C/P	
Carrier Rollers	Good	
Idlers	Good	
Track Rollers	Good	
Cannon	Good	
	<b>LEFT TRACK</b>	<b>RIGHT TRACK</b>
Link	105.00	105.00
Bushing	60.00	60.00
Shoe	25.00	25.00
C/Roller	119.00	119.00
Idlers	20.00	19.00
Rollers	18.00	18.00
	<b>LEFT % WORN</b>	<b>RIGHT % WORN</b>
	18.00	18.00
	16.00	16.00
	10.00	10.00
	6.00	6.00
	24.00	0.00
	7.00	7.00
Sprockets	Good	Sprocket has minimal wear - can be runout
Notes	Overall condition of undercarriage is good	



## SERVICE

	CODE	REMARKS
Service Needed	500hr - PM2 Service	Hydraulic oil and filters will be fresh

## GENERAL REPAIRS AND REMARKS

Repairs Needed: Cooler door - counterweight dent - cab glass - grease line - service
General comments: Machine is down for hydraulic system repairs - static inspection - overall condition is good

