

APPRAISAL FAMILY: TRACK TYPE EXCAVATORS

Account Manager:Nate Harman	Inspection Date:6/6/2022
Inspector:Ryan Earl	Report Date:6/7/2022
Location:EMPIRE ELOY	Approved Date:6/9/2022
	Expiration Date:8/8/2022

MACHINE DETAILS

Manufacturer:AA	Model:336E LH	S/N:0RZA00842
Year:2014	Eng S/N:MYE06299	Trans S/N:
SMU/Hrs:5605	Hours Date:6/6/2022	
Last Schedule:	Last CTS:	Last PM:9/16/2017
Date Oil Sample Sent to Lab:6/6/2022	Oil Sample:ENG, HYD, SWING	
Recommendations:		

TRACK TYPE EXCAVATORS CONFIGURATION

ECM Download:	Yes	GPS READY:	No	Product Link:	Inquire for options on
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:	21.3 FT	Boom Check Valve:	No
Stick, Long:	Yes	Stick, Medium:	No	Stick, Short:	No
Stick Length:	10.5 FT	Stick Check Valve:	No	Coupler, Quick:	Yes
Bucket Size:	B36DB-54BU	Thumb, Hydraulic:	No	Thumb, Mechanical:	No
Track Shoe Width/Type:	850MM TG	High Ambient Cooling:	Yes	Guarding:	No
Engine Tier Rating:	T4I	Pattern Changer:	Yes	Cab Riser:	No
Auto-Lube:	No	Straight Travel Pedal:	No	Product Link:	No
Anti-Theft System:	No	Comments:			

GENERAL APPEARANCE

	CODE	REMARKS
Radiator Grill	Not Applicable	
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	LEFT AND RIGHT SIDE BUMPERS HAVE IMPACT DAMAGE AROUND COUNTERWEIGHT HINGES, FRONT CAB BUMPER HAS IMPACT DAMAGE.
Counterweight	Good	
Pre-Cleaner Bowl	Good	
Cab	Good	
Steps / Ladder	Fair	LEFT FRONT ROLLER FRAME STEP BENT.
Grab Irons	Good	
Paint	Fair	PAINT IS FADED AND OXIDIZED, COUNTERWEIGHT AND PANELS HAVE EXCESSIVE SCRATCHES.
Sheet Metal	Fair	LEFT REAR RADIATOR DOOR HAS IMPACT DAMAGE AND HYD COMPARTMENT DOOR IS LIGHTLY BOWED IN, CAMERA GUARD BENT, OTHER IMPACT DENTS.
Engine Doors	Good	
SOS Taken	Yes	ENG, HYD, SWING
Extra Fuel Tanks	No	
Cleaning Required	Yes	GENERAL WASH AND OPERATOR STATION DETAIL FOR TRANSPORT AND DELIVERY.
Notes		



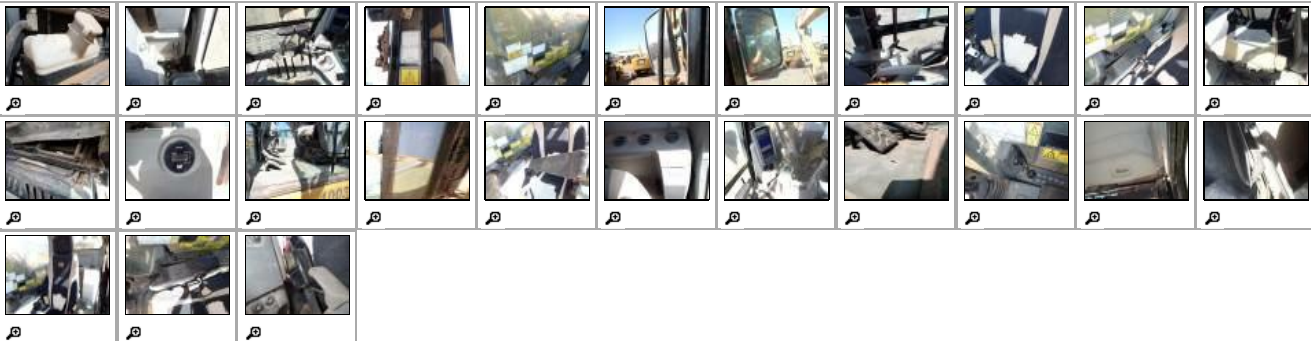
SAFETY ITEMS

	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		



GAUGES, OPERATOR STATION, CONSOLE

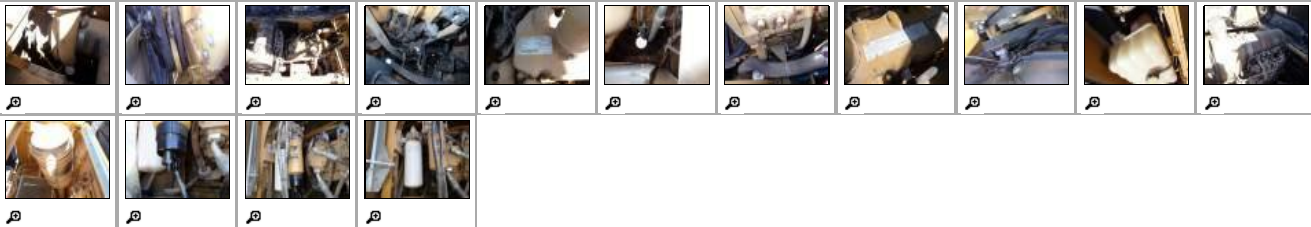
	CODE	REMARKS
Dash Console	Fair	HEADLINER SEPERATING FROM ROOF AND DAMAGED AND DOESNT STAY ON TRACK AVERAGE FOR AGE AND HOURS ON MACHINE, FRONT SUN VISOR HANDLE AND SWIVEL SPRING MISSING, RADIO FACE DOES NOT POWER ON.
Meter	Good	HOURS ON METER ARE 5605.
Gauges	NI	
Switches	NI	
Wipers	Fair	WINSHIELD WIPER FLUID BOTTLE CRACKED AND WIPERS ARE INOPERABLE.
Air Conditioner	NI	AC BLOWS COOL BUT ENGINE WOULD NOT CRANK OVER, UNABLE TO DO FULL INSPECTION.
Heater	NI	
Interior Lights	Good	
Seat Cushions / Arm Rests	Fair	SEAT BACK AND BOTTOM CUSHIONS TORN, SEAT SKIRT RIVETS MISSING FROM BASE.
Floor Boards	Good	FLOORMAT HAS ACCESS HOLE CUT IN FLOOR, NO REPAIRS NEEDED.
EMS Panel / Warnings	Fair	ACTIVE ENGINE OIL AND COOLANT CODES, ACTIVE SWING ACCUMULATOR SYSTEM CODES.
Doors	Good	
Door Latches	Good	
Glass / Mirrors	Fair	RIGHT HANDRAIL MOUNTED EXTERIOR MIRROR MISSING.
Seat Belt	Good	
Hyd Controls	NI	
Parts Book	No	
Safety Manual	Yes	
O&MM	Yes	
ROPS Cert Plate	Yes	
Notes		



ENGINE

	CODE	REMARKS
Oil Leaks	No	NO LEAKS OBSERVED BUT ENGINE OIL APPEARS TO BE BURNING, NEEDS ASSESSED WHY FLUID LEVELS ARE LOW.
Blow By	No	
Knocking	No	
Compression In Radiator	No	
Water In Oil	No	
Fluid Levels OK?	No	ENGINE OIL LEVEL LOW WITH ACTIVE ENGINE OIL CODES ASSOCIATED, ENGINE OIL CAME BACK WITH HIGH ELEVATED SOOT LEVELS, ELEVATED IRON, LEAD, CHROMIUM, AND ALUMINUM. NEEDS ASSESSED AND ANALYZED FOR REPAIRS.

Anti-freeze Color	RED	
Oil Pressure (H/L/W)	NI	
Smoke (B/D/L/W)	NI	
Operating Condition	NI	
Turbocharger / Blower	Good	
Fuel Injection System	Good	FUEL LEAK FROM FUEL WATER SEPARATOR FILTER, MACHINE NEEDS SERVICE AND THIS WILL BE TAKEN CARE OF DURING THAT.
Governor	NI	
Engine Supports	Good	
Air Cleaners	Good	
Exhaust / Muffler	Good	
Belts / Pullys	Good	
Oil Filter Condition	Good	
(Cut)	No	
Notes	MACHINE IS A CRANK NO START, NEEDS ASSESSED FOR REPAIRS, UNABLE TO PERFORM ENTIRE INSPECTION.	



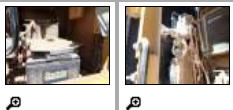
COOLING SYSTEM

	CODE	REMARKS
Radiator	Good	
Coolers	Good	
Hoses	Fair	VISIBLE LEAK FROM RADIATOR HOSE CLAMP, MACHINE NEEDS WASHED, STARTED, AND ASSESSED FOR REPAIRS.
Water Pump	Good	
Fan	Good	
Fan Drive	Good	
Notes		



ELECTRICAL, STARTING AND CHARGING SYSTEM

	CODE	REMARKS
Batteries / Cables	Good	BATTERIES INTACT WITH NO VISIBLE DAMAGE OR POWER ISSUES IN CAB.
Starter	NI	
Alternator	NI	
Wiring	Poor	MACHINE HAS EXCESSIVE CLICKING FROM FUSE BOX, IS A CRANK NO START, NEEDS ASSESSED, CAMERA LENSE IS CRACKED.
Pre-Heater	NI	
Lighting	Fair	FRONT LEFT CAB WORK LIGHT OUT.
Ether Aid	No	
Block Heater	No	
Notes		



FINAL DRIVES

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



	CODE	REMARKS
Pins / Bushings	NI	MACHINE WOULD NO START, THERE IS VISIBLE WEAR BUT I WAS UNABLE TO PERFORM ENTIRE INSPECTION, NEEDS FURTHER INSPECTION.
Boom Condition	Good	
Boom Pins	Good	
Boom Length	21.3 FT	



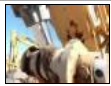
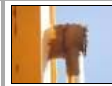
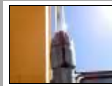
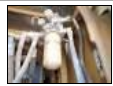
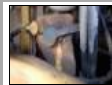
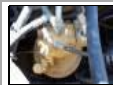
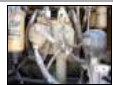
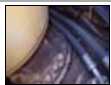
STICK

	CODE	REMARKS
Pins / Bushings	NI	MACHINE WOULD NO START, THERE IS VISIBLE WEAR BUT I WAS UNABLE TO PERFORM ENTIRE INSPECTION, NEEDS FURTHER INSPECTION.
Stick Condition	Good	
Stick Pins	Good	
Stick Length	10.5 FT	
Notes		



HYDRAULICS

	CODE	REMARKS
Operating Condition	NI	
Boom Cylinder	Fair	LEFT BOOM CYLINDER LEAKING PAST WIPER SEALS.
Stick Cylinder	Good	
Bucket Cylinder	Good	
Thumb Cylinder	Not Applicable	
Hose Lines	Fair	HYD OIL LEAKING FROM FAST FILL FITTING, NEEDS WASHED AND ASSESSED FOR REPAIRS.
Pumps & Valves	Good	
Tank	Good	
Pump Drive	Good	
Control Linkage	NI	
Swing Gear	NI	
Swing Motors	Poor	MACHINE WOULD NO START BUT HAS LEAK IN SWING MOTOR COMPARTMENT WITH ACTIVE CODES FOR SWING ACCUMULATOR SYSTEM MALFUNCTION AND ACCUMULATOR PRESSURE WARNINGS.
Travel Motors	Good	
Hydraulic Swivel	Good	
Filter Condition	Good	
(Cut)	No	
Swing Drive Oil	GOOD	
Notes		



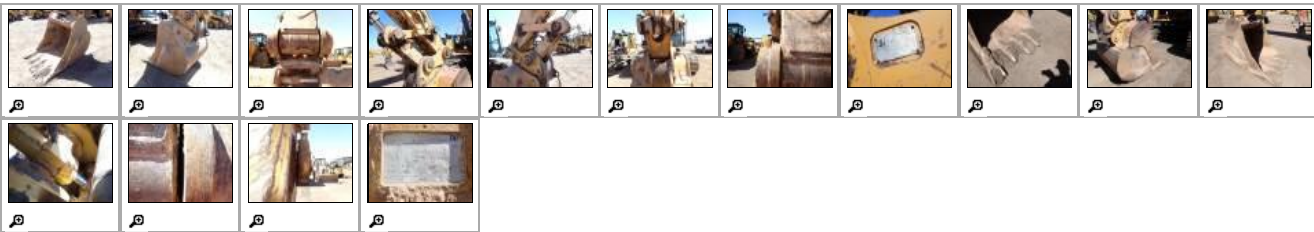
ATTACHMENTS / WORK TOOLS

	CODE	REMARKS
Hammer	No	
Thumb	No	
Vibratory Plate	No	
Auger	No	
Claw	No	
Crusher	No	
Grapple	No	
Pulverizer	No	

Rake	No	
Shear	No	
Ripper	No	
Other	No	
Other	No	
Notes	THIS SECTION DOES NOT APPLY.	

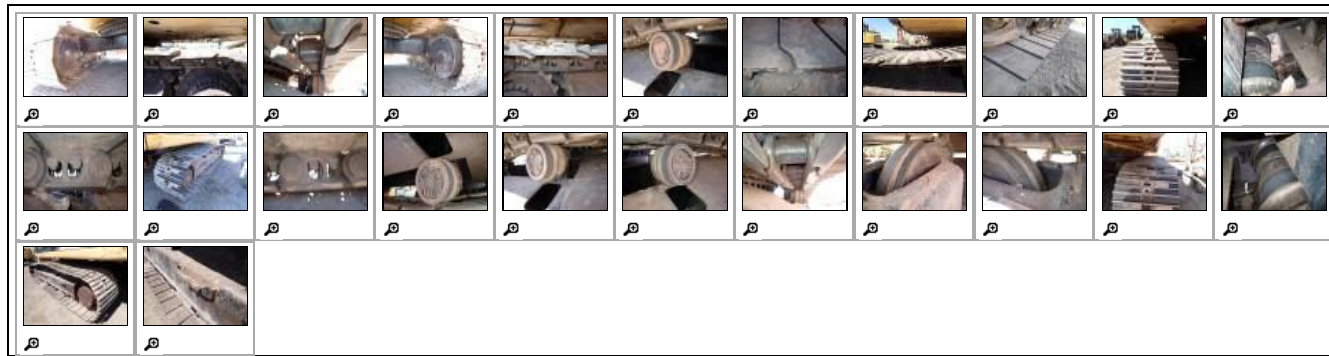
BUCKET

	CODE	REMARKS
Cutting Edge	Not Applicable	
Teeth / Adapters	Good	BUCKET TEETH HAVE AVERAGE WEAR FOR AGE AND HOURS ON BUCKET.
Bucket Bottom	NI	
Bucket Sides	Good	
Bucket Linkage	NI	UNABLE TO PERFORM ENTIRE INSPECTION DUE TO MACHINE NOT STARTING, BUCKET LINKAGE HAS VISIBLE WEAR RESULTING IN MOVEMENT, NEEDS ASSESSED FOR REPAIRS.
Bucket Mounts	Good	
(Make / Model)	CAT 336E DB LINKAGE	
Width	54 IN	1.97 CYD
Serial Number	MH202068	
Quick Coupler	Yes	
Brand	CAT DB LINKAGE	2014 PIN GRABBER- WAB02225
Notes	MACHINE IS A CRANK NO START, UNABLE TO PERFORM FULL INSPECTION.	



UNDERCARRIAGE

	CODE	REMARKS
Track Frame Left	Good	
Track Frame Right	Good	
Track Pitch	8.50 IN	
Pins & Bushings Turned?	No	
Track Shoes Regrousered?	No	
Link Part No.	6Y-2589/90	
Link Assemblies	GREASE LUBRICATED	
Track Shoes	850MM TG	TRACK SHOES ARE IN POOR CONDITION, EXCESSIVE BENT SHOES, WORSE ONES CAN BE REPLACED.
Carrier Rollers	Fair	CARRIER ROLLERS HAVE EXCESSIVE WEAR BUT IS AVERAGE FOR AGE AND HOURS ON MACHINE.
Idlers	Good	
Track Rollers	Good	
Cannon	Good	
	LEFT TRACK	RIGHT TRACK
Link	122.00	122.50
Bushing	69.00	69.00
Shoe	27.00	27.00
C/Roller	160.00	158.00
Idlers	21.00	20.75
Rollers	178.00	178.00
Sprockets	Good	
Notes	TRACKS ARE IN FAIR TO GOOD CONDITION. APPEAR TO BE WEARING FAIRLY EQUAL. BUSHINGS HAVE AN AVERAGE INTERNAL WEAR OF ABOUT 25% WITH 75% WEAR LIFE LEFT. TRACK SHOES HAVE EXCESSIVE BENDING WITH ONE CHIPPED. TRACKS ARE LOOSE AND NEEDS ADJUSTED. CAN BE RUN OUT.	



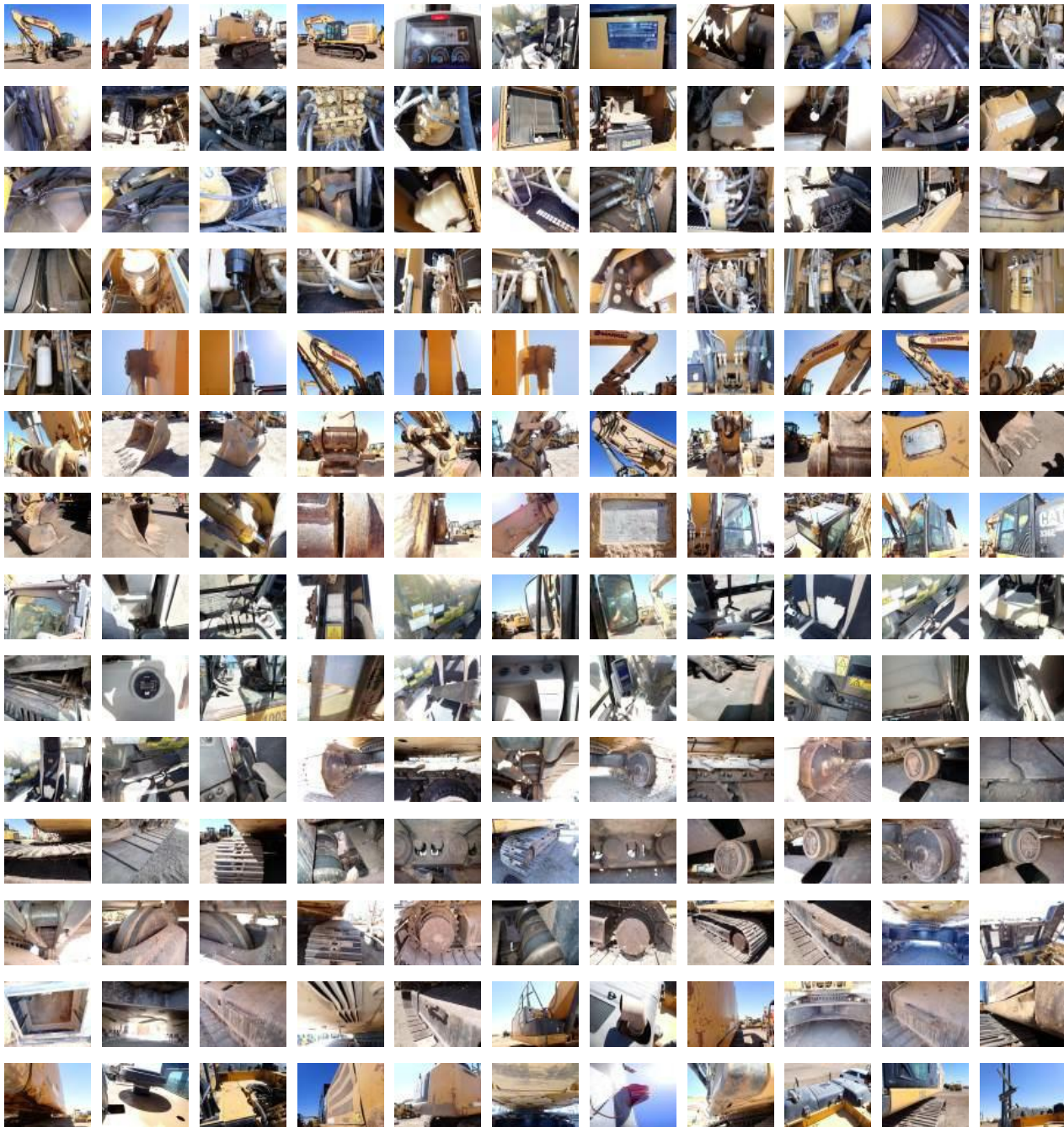
SERVICE

CODE	REMARKS
Service Needed PM4	MACHINE IS DUE FOR PM4.

GENERAL REPAIRS AND REMARKS

Repairs Needed: CRANK NO START, FUEL LEAKS, COOLANT LEAKS, HYD LEAKS, TRACK SHOES BENT, EXCESSIVE GENERAL APPEARANCE AND OPERATOR STATION REPAIRS, SERVICE.

General comments:





Track Type Excavators Inspection Report

