

APPRAISAL FAMILY: TRACK TYPE EXCAVATORS

Account Manager:Lance Wallace	Inspection Date:6/24/2022
Inspector:Ryan Earl	Report Date:6/24/2022
Location:EMPIRE ELOY	Approved Date:
	Expiration Date:

MACHINE DETAILS

Manufacturer:AA	Model:235C	S/N:05AF01071
Year:1990	Eng S/N:08Z58189	Trans S/N:
SMU/Hrs:1100	Hours Date:6/22/2022	
Last Schedule:	Last CTS:	Last PM:
Date Oil Sample Sent to Lab:6/22/2022	Oil Sample:ENG, HYD	
Recommendations:		

TRACK TYPE EXCAVATORS CONFIGURATION

ECM Download:	No	GPS READY:	No	Product Link:	Inquire for options on
Enclosed Cab:	Yes	Open Cab:	No	Air Conditioner:	No
Auxiliary Hydraulics:	No	Blade, Leveling:	No	Boom, One Piece:	Yes
Boom, Two Piece:	No	Boom Length:		Boom Check Valve:	No
Stick, Long:	No	Stick, Medium:	Yes	Stick, Short:	No
Stick Length:	12 FT	Stick Check Valve:	No	Coupler, Quick:	No
Bucket Size:	330-30 IN W RIPPER POCKETS	Thumb, Hydraulic:	No	Thumb, Mechanical:	No
Track Shoe Width/Type:	30 IN TG	High Ambient Cooling:	Yes	Guarding:	Yes
Engine Tier Rating:		Pattern Changer:	No	Cab Riser:	No
Auto-Lube:	No	Straight Travel Pedal:	No	Product Link:	No
Anti-Theft System:	No	Comments:	UPPER CAB GUARDING		

GENERAL APPEARANCE

	CODE	REMARKS
Radiator Grill	Good	
Shroud	Good	
Engine Enclosure	Fair	LEFT AND RIGHT REAR CORNERS HAVE IMPACT DAMAGE, MULTIPLE DOOR LATCHES INOPERABLE, DOORS HAVE LIGHT IMPACT DENTS.
Hood / Stack	Good	
Catwalk	Fair	RIGHT FRONT AND LEFT MIDDLE CATWALK BENT.
Fuel Tank	Good	
Crankcase Guard	Not Applicable	
Battery Box	Good	
Drawbar	Good	
Main Frame Welds	Fair	RIGHT FRONT AND LEFT MIDDLE MAIN FRAME HAS IMPACT DENTS.
Car Body	Good	
Bumper	Good	
Counterweight	Good	
Pre-Cleaner Bowl	Fair	PRE CLEANER DUST BOWL IS CLOUDY AND DRY ROT.
Cab	Fair	RIGHT FRONT CAB POST HAS HOLE PUNCHED IN IT AND A DENT ABOVE IT.
Steps / Ladder	Good	
Grab Irons	Fair	LEFT FRONT CAB HANDRAIL AND LEFT MIDDLE HANDRAIL BENT.
Paint	Fair	FADED AND OXIDIZED, GOOD CONSIDERING VINTAGE MACHINE, FAIR FOR OVERALL CONDITION.
Sheet Metal	Good	SWIVEL GUARD HAS BEEN REMOVED.
Engine Doors	Good	
SOS Taken	Yes	ENG, HYD-PENDING SAMPLE RESULTS.
Extra Fuel Tanks	No	
Cleaning Required	Yes	GENERAL WASH AND OPERATOR STATION DETAIL FOR TRANSPORT AND DELIVERY, EXTRA HOUR TO WASH HYD COMPARTMENTS.
Notes		



SAFETY ITEMS

	CODE	REMARKS
Safety Decals In Place	No	
Safety Decals Legible	No	
ROPS	Not Applicable	
FOPS	Good	
Cab Guards	No	
Horn	Good	
Travel Alarm	NI	TRAVEL ALARM WAS DISCONNECTED AND BATTERIES WERE DEAD.
Swing Brake	NI	
Brake Hold	NI	
Notes	MACHINE HAD DEAD BATTERIES, UNABLE TO OPERATE TO PROVIDE FULL INSPECTION.	



GAUGES, OPERATOR STATION, CONSOLE

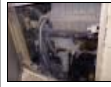
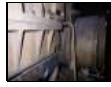
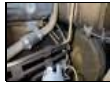
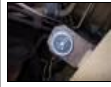
	CODE	REMARKS
Dash Console	Fair	MULTIPLE PORTIONS OF CONSOLE CRACKED, AND RADIO ANTENNA MISSING, HEADLINER TORN, SEAT SKIRT TORN.
Meter	Good	HOUR METER READS 1100 HOURS.
Gauges	Good	
Switches	Good	
Wipers	Poor	WINDSHIELD WIPERS MISSING.
Air Conditioner	Not Applicable	
Heater	NI	
Interior Lights	Fair	DOVE LIGHT UNATTACHED AND INOPERABLE.
Seat Cushions / Arm Rests	Fair	SEAT BOTTOM TORN AND SEAT BACK WEATHERED AND WORN, LEFT ARM REST DRY ROT AND WEATHERED AND RIGHT ARM REST TORN WITH CHUNKS MISSING, SEAT ADJUSTMENT INOPERABLE.
Floor Boards	Good	
EMS Panel / Warnings	Good	
Doors	Poor	CAB DOOR IS MISSING.
Door Latches	Good	
Glass / Mirrors	Fair	RIGHT CAB WINDOW AND FRONT LOWER CAB GLASS MISSING.
Seat Belt	Good	
Hyd Controls	Fair	LEFT AND RIGHT HYD JOYSTICK VALVES LEAKING INTO OPERATOR STATION, LEFT AND RIGHT JOYSTICK DUST BOOTS TORN.
Parts Book	No	
Safety Manual	No	
O&MM	No	NEEDS OMM AND SAFETY MANUAL.
ROPS Cert Plate	No	
Notes	MACHINE HAD DEAD BATTERIES, UNABLE TO OPERATE TO PROVIDE FULL INSPECTION.	



ENGINE

	CODE	REMARKS
Oil Leaks	No	NO LEAKS OBSERVED.
Blow By	No	
Knocking	No	
Compression In Radiator	No	
Water In Oil	No	
Fluid Levels OK?	Yes	
EPA Decal	No	
Anti-freeze Color	GREEN	
Oil Pressure (H/L/W)		
Smoke (B/D/L/W)		
Operating Condition	NI	
Turbocharger / Blower	Good	
Fuel Injection System	Fair	VISUAL ACTIVE LEAKS AROUND FUEL PRIMING PUMP AND FILTERS, NEEDS WASHED AND

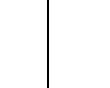
Governor	Good	
Engine Supports	Good	
Air Cleaners	Good	
Exhaust / Muffler	Good	
Belts / Pullys	Good	
Oil Filter Condition	Good	
(Cut)	No	
Notes	MACHINE HAD DEAD BATTERIES, UNABLE TO OPERATE TO PROVIDE FULL INSPECTION.	

**COOLING SYSTEM**

	CODE	REMARKS
Radiator	Good	
Coolers	Good	
Hoses	Good	
Water Pump	Good	
Fan	Good	
Fan Drive	Good	
Notes	HIGH AMBIENT COOLING.	

**ELECTRICAL, STARTING AND CHARGING SYSTEM**

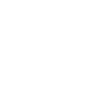
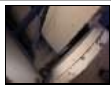
	CODE	REMARKS
Batteries / Cables	Poor	BATTERIES WERE DEAD, STARTED TO CRANK THEN DIED AFTER A FEW ATTEMPTS.
Starter	Good	
Alternator	Good	
Wiring	Good	
Pre-Heater	NI	
Lighting	NI	
Ether Aid	No	
Block Heater	No	
Notes	MACHINE HAD DEAD BATTERIES, UNABLE TO OPERATE TO PROVIDE FULL INSPECTION.	

**FINAL DRIVES**

	CODE	REMARKS
Plantaries / Differential	Good	
Housings	Good	
Drive Motors	Fair	RIGHT REAR FINAL DRIVE HOUSING COVERED IN WET OIL, NEEDS WASHED AND ASSESSED FOR REPAIRS.
Guards	Good	
Notes		

**BOOM**

	CODE	REMARKS
Pins / Bushings	Good	BOOM PINS AND BUSHINGS APPEAR TO HAVE WEAR, MACHINE WOULD NOT START TO PROVIDE FULL ASSESSMENT, FURTHER INSPECTION NEEDED.
Boom Condition	Good	
Boom Pins	Good	
Boom Length		

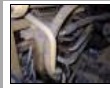
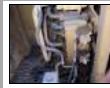
**STICK**

	CODE	REMARKS
Pins / Bushings	Good	STICK PINS AND BUSHINGS APPEAR TO HAVE AVERAGE WEAR FOR AGE AND HOURS ON MACHINE, MACHINE BATTERIES WERE DEAD, UNABLE TO PROVIDE FULL INSPECTION.
Stick Condition	Good	
Stick Pins	Good	
Stick Length		
Notes		

**HYDRAULICS**

	CODE	REMARKS
Operating Condition	NI	
Boom Cylinder	Fair	RIGHT BOOM CYLINDER HAS EXCESSIVE VISUAL LEAK PAST ROD SEALS, LEFT BOOM CYLINDER APPEARS TO BE SEEPING PAST ROD SEALS.
Stick Cylinder	Good	
Bucket Cylinder	Fair	BUCKET CYLINDER LEAKING PAST ROD SEALS.
Thumb Cylinder	Not Applicable	
Hose Lines	Fair	HOSES ARE WEATHERED AND DRY ROT WITH MINOR FITTINGS LEAKING AROUND MACHINE.
Pumps & Valves	Fair	PISTON PUMP AND MAIN CONTROL VALVE HAS VISIBLE LEAKS, NEEDS WASHED AND ASSESSED FOR REPAIRS.
Tank	Fair	LINES LEAKING ON BOTTOM OF HYD TANK.
Pump Drive	Good	
Control Linkage	NI	
Swing Gear	NI	
Swing Motors	Good	
Travel Motors	Good	
Hydraulic Swivel	Good	
Filter Condition	Good	
(Cut)	No	
Swing Drive Oil		

Notes MACHINE HAD DEAD BATTERIES, UNABLE TO OPERATE TO PROVIDE FULL INSPECTION.

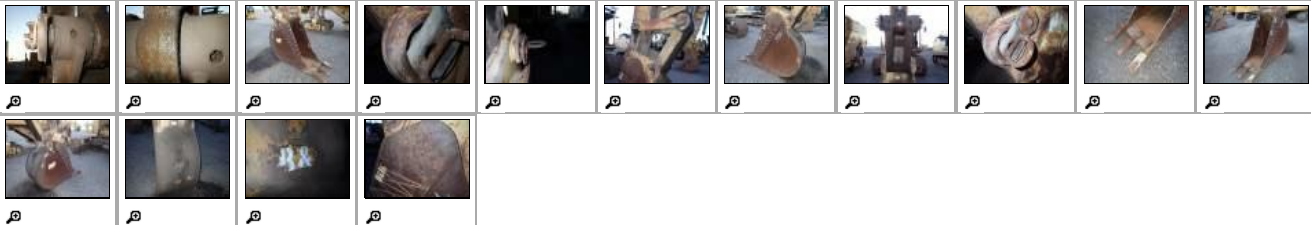
**ATTACHMENTS / WORK TOOLS**

	CODE	REMARKS
Hammer	No	
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	THIS SECTION DOES NOT APPLY.	

BUCKET

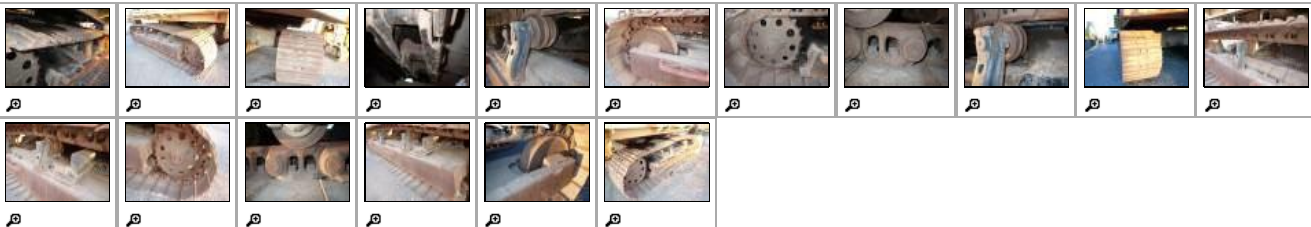
	CODE	REMARKS
Cutting Edge	Not Applicable	
Teeth / Adapters	Good	
Bucket Bottom	Good	
Bucket Sides	Good	

Bucket Linkage	Fair	BUCKET LINKAGE APPEARS TO BE VERY WORN BUT IT SEEMS LIKE THE WRONG PIN SIZES ARE BEING USED, NEEDS ASSESSED FOR REPAIRS OR REPLACEMENT PARTS.
Bucket Mounts	Fair	BUCKET MOUNTS APPEAR TO BE WORN, UNABLE TO OPERATE DUE TO DEAD BATTERIES.
(Make / Model)	CAT	
Width	30 IN	
Serial Number	UNREADABLE TAG	
Quick Coupler	No	
Brand		
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.	TREK-7-0040/41	
Link Assemblies		
Track Shoes	30 IN TG	
Carrier Rollers	Good	
Idlers	Good	
Track Rollers	Good	
Cannon	Good	
	LEFT TRACK	RIGHT TRACK
Link	0.00	0.00
Bushing	0.00	0.00
Shoe	0.00	0.00
C/Roller	0.00	0.00
Idlers	0.00	0.00
Rollers	0.00	0.00
Sprockets	Poor	SPROCKET TEETH ARE SHARP AND WORN, CONSIDERING YEAR OF MACHINE THEY CAN BE RUN OUT.
Notes	UNABLE TO PROVIDE FULL UNDERCARRIAGE ASSESSMENT DUE TO NOT HAVING TREK UNDERCARRIAGE CONVERSION TABLE. UNDERCARRIAGE IS COMPLETE AND OPERATIONAL WITH AVERAGE AMOUNT OF WEAR FOR AGE OF MACHINE.	



SERVICE

	CODE	REMARKS
Service Needed	PM2	500 HOUR SERVICE IS DUE ACCORDING TO TACHOMETER IN CAB.

GENERAL REPAIRS AND REMARKS

Repairs Needed: RIGHT FINAL DRIVE COMPARTMENT LEAK, HYD PISTON PUMP AND CONTROL VALVE COMPARTMENT LEAKS, DAMAGE TO BODY AND CAB, AC INOPERABLE, EXCESSIVE HYD LEAKS, EXCESSIVE OPERATOR STATION REPAIRS.

General comments:

