

APPRAISAL FAMILY: BACKHOE LOADERS

Account Manager:Nate Harman

Inspection Date:6/20/2022

Inspector:John Hallett

Report Date:6/20/2022

Location:Coolidge

Approved Date:6/20/2022

Expiration Date:8/19/2022

MACHINE DETAILS

Manufacturer:AA

Model:420D 4EOI

S/N:0BLN13409

Year:2006

Eng S/N:CRS32837

Trans S/N:KN520591

SMU/Hrs:4460

Hours Date:6/20/2022

Last Schedule:

Last CTS:

Last PM:

Date Oil Sample Sent to Lab:6/20/2022

Oil Sample:Engine/Trans/Hyd

Recommendations:

BACKHOE LOADERS CONFIGURATION

ECM Download:	No	ROPS:	Open	Stick:	
Drive:	AWD	Product Link:		Air Conditioning:	No
Heater:	No	Controls, Joystick:	Yes	Aux. Hydraulics:	No
Bucket-Front/Size and Type:	1.25 CYD	Bucket-Rear/Size:	14 inch Rock	Coupler:	Yes
Integrated Tool Carrier:	Yes	Forks:	Yes	Ride Control:	No
Engine Tier Rating:		Tire Size Front:	12.5/80	Tire Size Rear:	19.5 L-24
Anti-Theft:	No	Comments:			

GENERAL APPEARANCE

	CODE	REMARKS
Radiator Grill	Good	
Shroud	Good	
Engine Enclosure	Good	
Hood / Stack	Good	Hood gas shock has lost charge. Needs replacement. Hood is cracked at radiator bumpers but is still functional.
Fenders	Good	
Fuel Tank	Good	
Crankcase Guard	Good	
Battery Box	Good	
Main Frame Welds	Good	
Diff. Supports	Good	
Counterweight	Good	
Pre-Cleaner Bowl	Not Applicable	
Cab	Not Applicable	
Canopy	Good	
Steps / Ladder	Good	
Grab Irons	Good	
Paint	Good	
Sheet Metal	Good	
S.O.S. Taken	Yes	
Cleaning Required	Yes	
Horn	Yes	
Notes	Normal wear for machine hours and configuration	



SAFETY ITEMS

	CODE	REMARKS
Safety Decals In Place	Yes	
Safety Decals Legible	Yes	
Back-up Alarm	Good	
ROPS	Good	
Notes	Normal wear for machine hours and configuration	



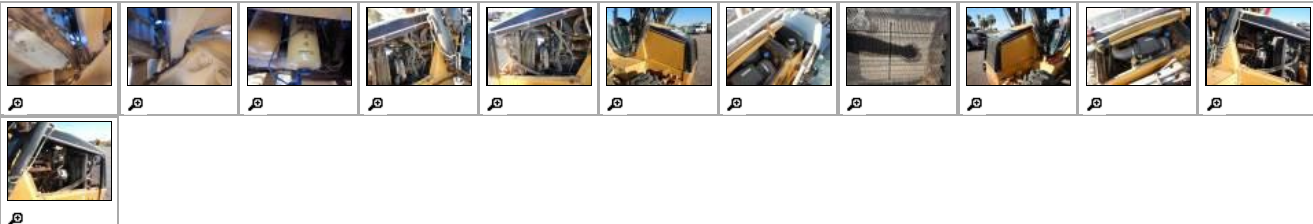
GAUGES, OPERATOR STATION, CONSOLE

	CODE	REMARKS
Dash Console	Good	
Meter	Good	
Gauges	Good	
Switches	Good	Sun faded and illegible, but working. Normal for open canopy
Wipers	Not Applicable	
Air Conditioner	Not Applicable	
Heater	Not Applicable	
Radio / Speakers	Not Applicable	
Interior Lights	Not Applicable	
Seat Cushions / Arm Rests	Good	
Floor Boards	Good	
EMS Panel / Warnings	Not Applicable	
Doors	Not Applicable	
Door Latches	NI	
Glass / Mirrors	Good	Open canopy. Mirrors good
Hyd Controls	Good	
Seat Belt	Fair	Out of date and faded
Notes	Normal wear for machine hours and configuration	
Parts Book	No	
Safety Manual	No	
O&MM	No	
ROPS Cert Plate	No	No ROPS plate on canopy



ENGINE

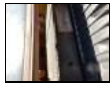
	CODE	REMARKS
Oil Leaks	No	
Blow By	No	
Knocking	No	
Compression In Radiator	No	
Water In Oil	No	
Fluid Levels OK?	No	
EPA Decal	No	
Anti-Freeze Color	RED	
Oil Press (H/L/N)		
Smoke (B/D/L/W)		
Operating Condition	Good	
Turbocharger / Blower	Good	
Fuel Injection System	Good	
Governor	Good	
Engine Supports	Good	
Air Cleaners	Good	
Exhaust / Muffler	Good	
Belts / Pullys	Good	
Oil Filter Condition(Cut)	Not Applicable	
Notes	Engine oil pan broken at front of pan. Not leaking. Further troubleshooting needed. Normal wear for machine hours and configuration	



COOLING SYSTEM

	CODE	REMARKS
Radiator	Good	

Hoses	Good	
Water Pump	Good	
Fan	Good	
Fan Drive	Good	
Notes	Normal wear for machine hours and configuration	
Leaks	No	

**ELECTRICAL, STARTING AND CHARGING SYSTEM**

	CODE	REMARKS
Batteries / Cables	Good	Napa batteries installed
Starter	Very Good	
Alternator	Very Good	
Wiring	Very Good	
Pre-Heater	Not Applicable	
Lighting	Good	
Notes	Normal wear for machine hours and configuration	
Ether Aid	No	
Rotating Beacon	No	
Signal Lights	Good	
Warning Lights	Good	
Block Heater	No	

**TRANSMISSION**

	CODE	REMARKS
Trans. Type	Direct Drive	
Case	Good	
Controls	Good	
Seals	Good	
Torque Converter	Good	
Universal Joints	Good	
Temp / Pressure Gauges	Good	
Lines / Fittings	Good	
Transmission Forward Shifts	Good	
Transmission Reverse Shifts	Good	
Pump	Good	
Cooler	Good	
Oil Filter Condition(Cut)	Not Applicable	
Operating Condition	Good	
Transmission Noisy	No	
Leaks	No	
Notes	Normal wear for machine hours and configuration	

**STEERING**

	CODE	REMARKS
Front Axle	Good	
Steering Linkage	Good	
Tie Rods & Ends	Good	
Pumps & Valves	Good	
Steering Cylinder	Good	
Lines / Fittings	Good	
Hand Meter Unit	Good	
Notes	Normal wear for machine hours and configuration	



BRAKES

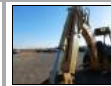
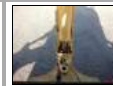
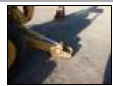
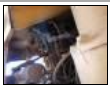
	CODE	REMARKS
Drums / Rotors		Inboard brakes
Brake Linkage	Good	
Pedal	Good	
Master Cylinder	Good	
Leaks	No	
Parking Brake	Good	
Holds In What Gear	2-4	
Notes	Normal wear for machine hours and configuration	


FINAL DRIVES



	CODE	REMARKS
Wheel Lugs & Rims	Good	
Rear Final Drives	Good	
Rear Axle	Good	
Trunnion	Not Applicable	
Front Final Drives	Good	
Front Axle	Good	
Differentials	Good	
Notes	Normal wear for machine hours and configuration	


HYDRAULICS

	CODE	REMARKS
Operating Condition	Good	
Lift Cylinders	Good	
Tilt Cylinders	Good	
Boom Cylinder	Good	
Out Rigger Cylinders	Good	
Swing Cylinders	Good	
Stick Cylinder	Good	
Bucket Cylinder	Good	
Extended Stick Cylinder	Good	
Hoses / Lines	Good	
Pumps & Valves	Good	
Control Linkage	Good	
Bucket & Hoist Kickout	Good	
Accumulator Charge - Ride Control	Not Applicable	
Filter Condition(Cut)	Not Applicable	
Leaks	No	
Notes	Normal wear for machine hours and configuration	


ATTACHMENTS / WORK TOOLS

	CODE	REMARKS
Fork	Yes	
Hyd Hammer	No	
Thumb	No	
Compaction Wheel	No	
Auger	No	
Vibratory Plate	No	
Other	No	
Other	No	

Operating Condition	Good	
Test Attachment Question	Good	
 		

BOOM, STICK & STABILIZERS

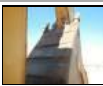
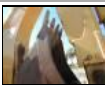
	CODE	REMARKS
Turret	Good	
Boom	Good	Underside of boom indicates impact deformation. Further inspection required
Boom Pins & Bushings	Good	
Boom Guard	Not Applicable	
Stick	Good	Underside of stick indicates impact deformation. Further inspection required
Stick Pins & Bushings	Good	
E-Stick Pads	Good	
Swing Pivot	Good	
Stabilizers	Good	
Stabilizer Pins & Bushings	Good	
Stabilizer Pads & Plates	Good	
Stabilizer Guards	Good	
Notes	Normal wear for machine hours and configuration	

**FRONT BUCKET**

	CODE	REMARKS
Cutting Edges	Fair	
Teeth / Adapters	Not Applicable	
Bucket Bottom	Good	
Bucket Sides	Good	
Bucket Linkage	Good	
Loader Pins & Bushings	Good	
Loader Frame	Good	
Segments	Not Applicable	
Bucket Floor	Good	
Quick Attach	Yes	
Multi Purpose Cylinders	Good	
Bucket Capacity	1.25 CYD	
Bucket S/N		
Notes	Normal wear for machine hours and configuration	

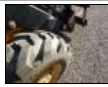
**REAR BUCKET**

	CODE	REMARKS
Cutting Edges	Not Applicable	
Teeth / Adapters	Good	
Bucket Bottom	Good	
Bucket Sides	Good	
Bucket Linkage	Good	
Bucket Mounts	Good	
Coupler	Good	
Bucket Width		
Bucket S/N		
Notes	Normal wear for machine hours and configuration	

**TIRES**

	MAKE S/N	TREAD DEPTH 1/32"	% LIFE LEFT	RECAPPED	TREAD CUT/CHUNKS	SIDE CUTS SECTIONS
Right Front	Soildeal 12 5/80	28.00	66.67	No	No	No

Right Rear	Soildeal 19.5 L-24	20.00	58.82	No	No	No
Left Rear	Soildeal 19.5 L-24	17.00	50.00	No	No	No
Left Front	Soildeal 12.5/80	28.00	66.67	No	No	No
Front Tire Size	12.5/80					
Rear Tire Size	19.5 L-24					
Average Life Left	60.59					
Notes						
Tires Needed						

**SERVICE**

CODE	REMARKS
Service Needed	

GENERAL REPAIRS AND REMARKS

Repairs Needed:

General comments: Normal wear for machine hours and configuration

