

Compactors - STD (800s)

Inspection Report

Inspection Date: 10/24/2024

MACHINE DETAILS					
Manufacturer:AA		Model:815F II		S/N:0BYN01160	
Year:2015		Eng S/N:TXD09751		Trans S/N:KAG02021	
SMU/Hrs:14267		Hours Date:10/24/2024			
Last Schedule:		Last CTS:		Last PM:	
Date Oil Sample Sent to Lab:10/25/2024		Oil Sample:Engine, transmission and hydraulic			
Recommendations:					
COMPACTOR CONFIGURATION					
ECM Download:	Yes	ROPS:	Enclosed	Product Link:	Inquire for options on
EROPS:	Yes	OROPS:	No	Air Conditioning:	Yes
Heater:	Yes	Counterweight:	Yes	Blade:	Yes
Drum Width:	38in Compactor	Anti-Theft System:	No	Engine Tier Rating:	Tier four
Fast Fill:	No	Oil Change System:	Yes	Product Link:	No
Comment:					
GENERAL APPEARANCE					
	CODE	REMARKS			
Radiator Grill	Fair	Grill pushed in to radiator. Radiator not damaged			
Shroud	Good				
Engine Enclosure	Good				
Hood / Stack	Good				
Fuel Tank	Good				
Crankcase Guard	Good				
Battery Box	Good				
Front Frame	Good				
Rear Frame	Good				
Differential Supports	Good				
Counterweight	Good				
Pre-Cleaner Bowl	Good				
Cab	Good				
Canopy	Not Applicable				
Steps / Ladders	Fair	Right side step have been removed			
Grab Irons	Good				
Paint	Fair	Faded and scratched			
Sheet Metal	Fair	Missing cover over hydraulic cap			
Guards / Screens	Good				
SOS Taken	Yes	Engine, transmission and hydraulic			
Cleaning Required	Yes	Clean and detail cab			
					
SAFETY ITEMS					
	CODE	REMARKS			
Safety Decals In Place	Yes				
Safety Decals Legible	Yes				
ROPS	Yes				
Horn	Poor	Horn not working			
Articulation Safety Bar	Good				
Back-Up Alarm	Good				
					
GAUGES, OPERATOR STATION, CONSOLE					
	CODE	REMARKS			
Dash Console	Good				
Meter	Good				
Gauges	Good				
Switches	Fair	Switches on right front console are broken			

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Wipers	Good	
Air Conditioner	Poor	Vent temperature 87° Ambient temperature 93° (Heater valves are closed)
Heater	Good	Vent temperature 126° Ambient temperature 92°
Interior Light	Good	
Seat Cushions	Good	Seat is stained
Arm Rests	Good	
Floor Boards	Poor	No floor mat
EMS Panel / Warnings	Fair	Service codes
Doors	Fair	Left door sheet metal s cracked out around door hood Bach latch
Door Latches	Good	
CMS Panel	Not Applicable	
Glass / Mirrors	Good	
Seat Belt	Fair	Seat bet is outdated 12/19
Hydraulic Controls	Good	
Parts Book	No	
Safety Manual	No	No safety manual
O&MM	No	No OMM
ROPS Cert Plate	Yes	



ENGINE

	CODE	REMARKS
Oil Leaks	Yes	Oil filter housing is leaking and oil pan is leaking
Blow-By	No	
Knocking	No	
Compression In Radiator	No	
Water In Oil	No	
Fluid Levels OK	Yes	
EPA Decal	Yes	
Anti-Freeze Color	Red	
Oil Pressure (H/L/N)	Normal	
Smoke (B/D/L/W)	Normal	
Operating Condition	Good	
Turbocharger / Blower	Good	
Fuel Injection System	Good	
Governor	Good	
Engine Supports	Good	
Air Cleaners	Poor	Air filter indicator is broken possible dirt entry. Air filter housing latches broken
Exhaust / Muffler	Good	
Belts / Pullys	Good	
Oil Filter Condition	Good	
Cut	No	



COOLING SYSTEM

	CODE	REMARKS
Radiator	Good	
Coolers	Good	
Hoses	Good	
Water Pump	Good	
Fan	Good	
Fan Drive	Not Applicable	
Leaks	No	

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ELECTRICAL SYSTEM		
	CODE	REMARKS
Batteries / Cables	Fair	Had to jump before inspection
Starter	Good	
Alternator	Good	
Wiring	Good	
Pre-Heater	Good	
Lighting System	Good	
Notes		
Ether Aid	No	
Block Heater	No	
Rotating Beacon	No	
		
TRANSMISSION		
	CODE	REMARKS
Case	Fair	Sight glass is leaking
Seals	Good	
Controls	Good	
Torque Converter	Good	
Drive Shafts	Good	
Universal Joints	Fair	Some movement
Temp / Pressure Gauge	Good	
Lines / Fittings	Good	
Oil Filter	Good	
Cut	No	
Cooler	Good	
Operating Condition	Good	
Transmission Noisy	No	
Leaks	No	
		
STEERING SYSTEM		
	CODE	REMARKS
Steering Linkage	Fair	Steering linkage is worn with excessive movement on both ends of steering cylinders
Articulation Pins & Bushings	Fair	Some movement (Functional)
Steering Cylinders	Good	
Supplemental Steering	Not Applicable	
Pumps / Valves	Good	
Hand Metering Unit	Good	
Tilt / Extend	Good	
Lines / Fittings	Good	
		
BRAKES		
	CODE	REMARKS
Type (Wet / Dry)	Wet	
Drums / Rotors	Drum	
Control Valve	Good	
Lines / Fittings	Good	
Master Cylinder	Not Applicable	
Compressor	Not Applicable	
Brake Linkage	Good	
Pedal	Good	
Parking Brake	Good	

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Hydraulic Pumps	Good	
Accumulators	Good	
FINAL DRIVES		
	CODE	REMARKS
Wheels / Lugs	Good	
Front Axle	Good	
Front Final Drives	Good	
Rear Axle	Good	
Rear Final Drives	Good	
Differentials	Good	
Oscillation	Good	
Trunnions	Good	
    		
HYDRAULIC SYSTEM		
	CODE	REMARKS
Operating Condition	Good	
Tank	Good	
Pumps / Valves	Good	
Hoses / Fittings	Good	
Control Linkage	Good	
Filter Condition	Good	
Cut	No	
Leaks	No	
      		
BLADE		
	CODE	REMARKS
Face / Moldboard	Good	
Cutting Edges	Fair	Functional
End Bits	Fair	Corner bites are short (Functional)
Push Arms	Good	
Tilt Arms	Good	
Trunnions	Fair	Trunnions and caps worn with excessive movement
Pins & Bushings	Fair	All pins and bearing are worn with excessive movement
Spill Rack	Not Applicable	
Lift Cylinders	Good	
Tilt Cylinder	Fair	Left tilt cylinder is leaking
Hoses / Fittings	Fair	Some hoses are showing metal no leaks at this time
Dozer S/N		
           		
 		
WHEELS / DRUMS		
	CODE	REMARKS
Drums	Good	
Compactor Tips	Good	
Cleaner Bars	Fair	Some needs adjusted and or replaced
Drum Scrapers	Not Applicable	
Wheel Lugs & Nuts	Good	
Drum Width	3ft	

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TIRES

MAKE S/N	TREAD DEPTH 1/32"	% LIFE LEFT	RECAPPED	TREAD CUT/CHUNKS	SIDE CUTS SECTIONS
Right Front	0.00	0.00			
Right Rear	0.00	0.00			
Left Rear	0.00	0.00			
Left Front	0.00	0.00			
Tire Size					
Spare	No				
Average Life Left					
Notes					
Tires Needed					

SERVICE

CODE	REMARKS
Service Needed	Yes

GENERAL REPAIRS AND REMARKS

Repairs Needed: Grill pushed in to radiator. Radiator not damaged, Right side step have been removed, Horn not working, Switches on right front console are broken, A/C blowing hot. No floor mat, Left door sheet metal s cracked out around door hood Bach latch, seat bet is outdated 12/19, Oil filter housing is leaking, and oil pan is leaking. Air filter indicator is broken possible dirt entry. Air filter housing latches broken, Transmission, Sight glass is leaking, Steering linkage is worn with excessive movement on both ends of steering cylinders, Trunnions and caps worn with excessive movement, blade linkage , all pins and bearing are worn with excessive movement, cleaner bars some needs adjusted and or replaced

General comments:



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