



Work Order: 11933

EBID-83

Description: Inspections and Repairs	GRO-	Date Started: 2021-03-04
Equipment: E599 Caterpillar 14H Grader	6440.7 Hours	
	RD-2021-136 Insheet	
Serial#: ASE01727	RD-2021-188 Outsheet	

Segment: 1 Parts and Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
111	04/07/21	AP	Vendor: 10111 Finning (Canada) a division of Finning International 947391254 Line: 1		LS	0.000	0.00	67.84
113	04/08/21	AP	Vendor: 10111 Finning (Canada) a division of Finning International 947393854 Line: 1		LS	0.000	0.00	101.76
345	04/12/21	AP	Vendor: 10111 Finning (Canada) a division of Finning International 947400342 Line: 1		LS	0.000	0.00	101.76
346	04/12/21	AP	Vendor: 10508 Red Deer Fasteners & Tools Ltd. G97304 Line: 2		LS	0.000	0.00	58.68
370	04/15/21	AP	Vendor: 10111 Finning (Canada) a division of Finning International 947407316 Line: 1		LS	0.000	0.00	64.52
546	05/12/21	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S6168166.001 Line: 2		EA	1.000	44.28	44.28
547	05/07/21	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S6161672.001 Line: 1		EA	3.000	89.08	267.24
674	05/11/21	AP	Vendor: 10111 Finning (Canada) a division of Finning International 947462202 Line: 2		EA	1.000	1,905.88	1,905.88
675	05/12/21	AP	Vendor: 10111 Finning (Canada) a division of Finning International 947465373 Line: 1		EA	1.000	251.37	251.37
676	05/13/21	AP	Vendor: 10321 Union Tractor Ltd. 040-220737 Line: 2		EA	2.000	50.14	100.28
677	05/13/21	AP	Vendor: 10321 Union Tractor Ltd. 040-220737 Line: 3		EA	2.000	-50.14	-100.28
1040	06/01/21	AP	Vendor: 10111 Finning (Canada) a division of Finning International 947502553 Line: 1		EA	1.000	15.97	15.97
1041	06/01/21	AP	Vendor: 10111 Finning (Canada) a division of Finning International 947502553 Line: 2		EA	1.000	13.80	13.80
1727	07/06/21	AP	Vendor: 10111 Finning (Canada) a division of Finning International 985001453 Line: 1		EA	1.000	-1,905.88	-1,905.88
1965	05/27/21	AP	Vendor: 10401 RBC Avion Visa May 21_Lance Line: 4		EA	2.000	45.00	90.00
31	08/03/21	EMP	7N0296 Ether Cyinder-18oz		EA	1.000	83.58	83.58
55	06/04/21	EMP	6G1667 Master Link-Chain Drive		EA	1.000	72.26	72.26
59	06/07/21	EMP	2G9792 Gasket		EA	1.000	16.18	16.18
60	06/07/21	EMP	2G9793 Gasket-Tandem Cover		EA	1.000	17.25	17.25
61	06/07/21	EMP	2G9794 Gasket-Tandem		EA	1.000	7.87	7.87
62	06/07/21	EMP	2M9780 Seal-O-Ring		EA	1.000	2.21	2.21
63	06/07/21	EMP	5K5288 Seal-Duo Cone		EA	1.000	65.59	65.59
64	06/07/21	EMP	6M5218 Seal-O-Ring		EA	1.000	14.04	14.04
65	06/07/21	EMP	8D1642 Seal-D-Ring		EA	1.000	17.23	17.23
66	06/07/21	EMP	3K0360 Seal-O-Ring		EA	1.000	1.84	1.84
96	06/09/21	EMP	2G9794 Gasket-Tandem Cover		EA	1.000	7.34	7.34
113	05/10/21	EMP	1R0719 Filter-Hydraulic		EA	1.000	15.36	15.36
114	05/10/21	EMP	1R0762 Filter-Fuel Advanced Efficiency		EA	1.000	29.71	29.71
115	05/10/21	EMP	1R0774 Filter-Hydraulic		EA	1.000	26.99	26.99
116	05/10/21	EMP	1R1808 Filter-Oil Advanced Efficiency		EA	1.000	32.29	32.29
117	05/10/21	EMP	2314487 Filter-Air		EA	2.000	31.38	62.76
118	05/10/21	EMP	2N0931 Gasket		EA	1.000	2.17	2.17
119	05/10/21	EMP	2S8439 Seal-O-Ring		EA	1.000	10.69	10.69
120	05/10/21	EMP	3128933 Belt-Serpentine W/ Air Condi		EA	1.000	163.29	163.29
121	05/10/21	EMP	3F1547 Seal-Hydraulic Cover		EA	1.000	13.21	13.21
122	05/10/21	EMP	3K0360 Seal-O-Ring		EA	2.000	1.84	3.68
123	05/10/21	EMP	4D9986 Seal-O-Ring		EA	1.000	2.64	2.64
124	05/10/21	EMP	4H6112 Breather-Tandem		EA	2.000	21.39	42.78
125	05/10/21	EMP	5134490 Filter-Fuel / Water Seperator		EA	1.000	39.64	39.64
126	05/10/21	EMP	6I0273 Filter-Air Primary		EA	1.000	27.07	27.07



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127	05/10/21	EMParts	7T7358 Filter-Cab Air	EA	1.000	21.26	21.26
128	05/10/21	EMParts	8F9516 Seal-O-Ring	EA	2.000	8.23	16.46
129	05/10/21	EMParts	8M4437 Seal-O-Ring	EA	2.000	3.72	7.44
130	05/10/21	EMParts	9G5127 Breather-Power Train	EA	1.000	18.43	18.43
192	05/10/21	EMParts	8X1135 Gasket-Washer Tank Cap	EA	1.000	5.72	5.72
390	05/13/21	EMParts	1994320 Seal Kit-Fan Motor	EA	1.000	162.50	162.50
391	05/13/21	EMParts	1999907 Strainer-Fuel	EA	1.000	125.03	125.03
392	05/13/21	EMParts	OS-9X2046 Screw-Truss Head (M6x1x25mm)	EA	1.000	0.00	0.00
541	05/17/21	EMParts	2K8199 Seal-O-Ring	EA	1.000	2.94	2.94
542	05/17/21	EMParts	5W40 Spectra 5W40	I	35.000	5.22	182.66
543	05/17/21	EMParts	TO4 Spectra Xtreme TO-4 All season	EA	90.000	5.59	503.16
556	05/17/21	EMParts	0R8302 Rod Assembly-Cylinder Side Shi	EA	1.000	1,265.07	1,265.07
557	05/17/21	EMParts	2341949 Seal Kit-Cylinder	EA	1.000	213.83	213.83
563	05/17/21	EMParts	904D Battery-12v-4D	EA	2.000	217.02	434.04
564	05/17/21	EMParts	3080541 Insert-Cylinder	EA	1.000	107.76	107.76
759	05/21/21	EMParts	2742392 Screw-Thumb	EA	1.000	16.05	16.05
760	05/21/21	EMParts	2R2376 Washer	EA	1.000	3.39	3.39
PO - Open - #1018235 - 10508 Primer				LS	0.00	0.00	58.68
PO - Open - #1018235 - 10508 Primer				LS	0.00	0.00	58.68

Labour Total 0.00

Parts Total 5,057.99

Miscellaneous Total 0.00

Segment: 2 Insheet and Outsheet Inspections

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
147	03/04/21	PR	Employee: 2338 Nolan MacGregor		HRS	5.000		
838	05/21/21	PR	Employee: 2471 Greg Royer		HRS	2.000		

Labour Total 7.00

Parts Total 0.00

Miscellaneous Total 0.00

Segment: 3 Wash and Clean Cab

Take unit outside on pad and wash areas that had oil spilled while performing repairs. Run/test for leaks. -Paul

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
631	05/14/21	PR	Employee: 1575 Paul Nixon		HRS	2.000		
1470	03/26/21	PR	Employee: 2623 Brenton Woolman		HRS	3.000		
2419	03/29/21	PR	Employee: 2623 Brenton Woolman		HRS	7.500		
2420	03/30/21	PR	Employee: 2623 Brenton Woolman		HRS	4.000		

Labour Total 16.50

Parts Total 0.00

Miscellaneous Total 0.00

Segment: 4 Prep and repaint, replace decals



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Remove 14H decal panels, remove decals. Install new decals and touch up paint, reinstall panels.
Install GCS decals.

-Paul

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
303	04/05/21	PR	Employee: 2623 Brenton Woolman		HRS	3.000		
304	04/06/21	PR	Employee: 2623 Brenton Woolman		HRS	7.500		
305	04/07/21	PR	Employee: 2623 Brenton Woolman		HRS	7.500		
306	04/08/21	PR	Employee: 2623 Brenton Woolman		HRS	7.500		
307	04/09/21	PR	Employee: 2623 Brenton Woolman		HRS	7.500		
460	04/12/21	PR	Employee: 2623 Brenton Woolman		HRS	7.000		
461	04/13/21	PR	Employee: 2623 Brenton Woolman		HRS	7.500		
462	04/14/21	PR	Employee: 2623 Brenton Woolman		HRS	2.500		
836	05/17/21	PR	Employee: 1575 Paul Nixon		HRS	2.000		

Labour Total	52.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 T/S Repair Leaks

Remove and reseal fan motor, reinstall.

Replace several hoses from control valves to implements as they were leaking at the crimps. (one on LH side for blade lift, two on RH side near accumulator and saddle pin cylinder).

Tighten hose clamps on hydraulic tank suction lines.

Reseal LH blade lift control valve actuator.

Replace hose for orbital steering motor in cab.

Re-index air tank hose.

Found rear LH wheel seal leaking during outsheet. Brought back into shop, put on stands, removed wheel. Drained LH chain case oil (saved oil). Separated chain, removed wheel spindle and brake assembly. Disassembled and replaced duo cone seal. Reassembled and replaced mounting o-rings. Reinstall onto chain case, connect chain. Filled chain case with oil that was previously removed. Reinstall covers and install wheel. Take unit off stands and park in front line up.

-Paul

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
133	06/08/21	PR	Employee: 1575 Paul Nixon		HRS	5.500		
326	06/09/21	PR	Employee: 1575 Paul Nixon		HRS	7.500		
343	05/06/21	PR	Employee: 1575 Paul Nixon		HRS	2.500		
344	05/10/21	PR	Employee: 1575 Paul Nixon		HRS	1.500		
627	05/12/21	PR	Employee: 1575 Paul Nixon		HRS	2.000		
630	05/13/21	PR	Employee: 1575 Paul Nixon		HRS	3.500		
632	05/14/21	PR	Employee: 1575 Paul Nixon		HRS	2.000		

Labour Total	24.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 1000Hr service + trans oil



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1000 Service; Replace cab air filters, engine primary air filter, engine oil and filter, fuel filters, hydraulic and transmission filters. Found transmission oil dirty/fair bit of brass present. Drained oil and refilled. Remove front wheel spindle covers and drain oil, reinstall covers and top up oil level. Drain and refill circle drive housing.

Replace ether bottle.

Install new fuel screen.

Free up seat slide adjustments.

Install missing bolts/screws in cab.

Free up upper RH compartment in cab (had a big nail jammed in hinge).

Readjust wiper spray nozzles, topped up wiper fluid. Free up wiper arms so they contact window evenly.

Replace temp control decal for A/C and heater.

Install missing valve stem caps on front tires.

Adjust tire pressures.

Top up coolant level.

Clean vent on fuel tank lid.

-Paul

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
345	05/10/21	PR	Employee: 1575 Paul Nixon		HRS	7.000		
346	05/11/21	PR	Employee: 1575 Paul Nixon		HRS	1.000		

Labour Total	8.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 7 Replace broken alt belt

Remove panels and removed damaged belt and all of its pieces.

Inspect all pulleys, install new belt.

Run/test, found alternator to be charging normally, but batteries were weak.

Test batteries, both failed.

Replace batteries.

-Paul

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
347	05/11/21	PR	Employee: 1575 Paul Nixon		HRS	1.500		

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 8 Repair electrical in cab/engine bay

T/S signal/hazard lights not working. Found there to be an intermittent connection in steering tilt column. Remove panels and gain access to harness. Eventually found the problem area and cut open harness. Found a broken wire inside of its insulation within the main harness. Repair and test. Reinstall all panels and secure harness.

Horn working intermittently. Remove steering wheel and take apart horn electrical contacts. Clean all contacts, reinstall pieces and steering wheel.

Tie up loose electrical in cab.

-Paul

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
348	05/11/21	PR	Employee: 1575 Paul Nixon		HRS	3.000		



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628	05/12/21	PR	Employee: 1575 Paul Nixon	HRS	3.000
633	05/14/21	PR	Employee: 1575 Paul Nixon	HRS	2.500

Labour Total	8.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 9 Replace rod on blade sideshift cylinder

Remove blade side shift cylinder, disassemble, replace rod (chrome damage) and reseal/reassemble. Replace one hose on cylinder as it was leaking. Reinstall cylinder, run/check for leaks. Top up hyd oil level. Adjust shims and replace RH insert for blade lift cylinders.
-Paul

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
629	05/12/21	PR	Employee: 1575 Paul Nixon		HRS	3.500		
837	05/18/21	PR	Employee: 1575 Paul Nixon		HRS	1.500		

Labour Total	5.00
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	123.00
Parts Total	5,057.99
Miscellaneous Total	0.00

Description: Inspections and Repairs	7126 Hours	Date Started: 2022-11-30
Equipment: E599 Caterpillar 14H Grader	RD-2022-241 Insheet RD-2023-107 Outsheet	
Serial#: ASE01727		

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1948	02/07/23	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S6861184.001 Line: 1		EA	2.000	44.13	88.26
2077	01/25/23	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S6846703.001 Line: 1		EA	2.000	202.44	404.88
48	02/02/23	EMParts	1151748 Bulb		EA	1.000	1.35	1.35
49	02/02/23	EMParts	7T8891 Pump A		EA	1.000	74.71	74.71
58	02/06/23	EMParts	1071984 Lamp Socket		EA	1.000	1.35	1.35
316	02/14/23	EMParts	60/40 Rad-Cool Antifreeze		EA	3.000	5.19	15.58
317	02/14/23	EMParts	TO4 Spectra Xtreme TO-4 All season		EA	5.000	0.94	4.68
403	01/23/23	EMParts	1274038 Bolt-Carriage		EA	2.000	2.24	4.48
404	01/23/23	EMParts	1293178 Nut-Lock		EA	2.000	1.01	2.02
405	01/23/23	EMParts	1994320 Seal Kit-Fan Motor		EA	1.000	155.18	155.18
406	01/23/23	EMParts	3128933 Belt-Serpentine W/ Air Condiiti		EA	1.000	164.40	164.40
407	01/23/23	EMParts	8265S Twin pack JB Weld Compound		EA	1.000	14.97	14.97
409	01/23/23	EMParts	9X8256 Washer-6.6x12x2mmThk		EA	2.000	0.28	0.56
410	01/23/23	EMParts	BPL Blister Card 60ML SEALALL		EA	1.000	8.95	8.95



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484	02/22/23	EMParts	1731498 Pulley-Idler	EA	1.000	242.53	242.53
498	01/25/23	EMParts	2K8199 Seal-O-Ring	EA	2.000	2.59	5.18
499	01/25/23	EMParts	4D9986 Seal-O-Ring	EA	2.000	2.71	5.42
500	01/25/23	EMParts	8M4437 Seal-O-Ring	EA	4.000	3.81	15.24

Labour Total	0.00
Parts Total	1,209.74
Miscellaneous Total	0.00

Segment: 2 Inspections

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
839	02/06/23	PR	Employee: 1575 Paul Nixon		HRS	1.500		
840	02/07/23	PR	Employee: 1575 Paul Nixon		HRS	3.500		
2419	11/28/22	PR	Employee: 1575 Paul Nixon		HRS	2.000		

Labour Total	7.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 T/S and Repair Leaks

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
215	02/01/23	PR	Employee: 2873 Isaac Simpkin		HRS	9.500		
791	01/19/23	PR	Employee: 2873 Isaac Simpkin		HRS	0.500		
792	01/20/23	PR	Employee: 2873 Isaac Simpkin		HRS	9.500		
1853	01/23/23	PR	Employee: 2873 Isaac Simpkin		HRS	8.000		
1854	01/24/23	PR	Employee: 2873 Isaac Simpkin		HRS	1.500		
1856	01/26/23	PR	Employee: 2873 Isaac Simpkin		HRS	4.500		
1858	01/27/23	PR	Employee: 2873 Isaac Simpkin		HRS	5.000		
1860	01/30/23	PR	Employee: 2873 Isaac Simpkin		HRS	8.500		
1861	01/30/23	PR	Employee: 2915 Scott Scrivener		HRS	1.500		

Labour Total	48.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 Replace Alt. Belt

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1855	01/24/23	PR	Employee: 2873 Isaac Simpkin		HRS	7.000		
1857	01/26/23	PR	Employee: 2873 Isaac Simpkin		HRS	4.000		
1859	01/27/23	PR	Employee: 2873 Isaac Simpkin		HRS	2.500		



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Labour Total	13.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 Repair Switch, light

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
216	02/02/23	PR	Employee: 2873 Isaac Simpkin		HRS	5.500		

Labour Total	5.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 Check and adjust fluids

Labour Total	74.50
Parts Total	1,327.10
Miscellaneous Total	0.00

Description: Rental Return-Emsco	7126 Hours	Date Started: 2022-11-30
Equipment: E599 Caterpillar 14H Grader	RD-2022-241 Insheet	
	RD-2023-107 Outsheat	
Serial#: ASE01727		

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
314	02/14/23	EMParts	610273 Filter-Air Primary		EA	1.000	32.96	32.96
315	02/14/23	EMParts	8Y4408 Nozzle Assembly-Sprayer		EA	1.000	9.26	9.26
319	02/14/23	EMParts	1234355 Wiper Blade-335mm(13")		EA	2.000	7.86	15.72

Labour Total	0.00
Parts Total	57.94
Miscellaneous Total	0.00

Segment: 2 Wash and Clean Cab

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
212	02/02/23	PR	Employee: 2623 Brenton Woolman		HRS	0.500		
214	02/03/23	PR	Employee: 2623 Brenton Woolman		HRS	8.500		
838	02/06/23	PR	Employee: 2623 Brenton Woolman		HRS	2.000		



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Labour Total	11.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Replace Air Filter

Segment: 4 Repair lights and wipers

Dome light in cab popped off.
Rear Wiper sprayer Broken/missing(Little plastic piece.)
Loose wires in cab, L/R corner.
Lower front cab window wipers blades need replacing.
L/H side panels, handles missing bolts.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
213	02/02/23	PR	Employee: 2873 Isaac Simpkin		HRS	2.000		
1852	01/23/23	PR	Employee: 2873 Isaac Simpkin		HRS	1.000		

Labour Total	3.00
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	14.00
Parts Total	175.30
Miscellaneous Total	0.00

Description: Reg Maintenance and Replace Alternator

Date Started: 2023-05-19

Equipment: E599 Caterpillar 14H Grader

Serial#: ASE01727

Segment: 1 parts & service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1109	05/31/23	AP	Vendor: 32459 Fountain Tire (004C00013647) 080I079487 Line: 1	LS		0.000	0.00	1,051.89
1116	05/18/23	AP	Vendor: 10111 Finning (Canada) a division of Finning International 949159560 Line: 1	EA		1.000	1,468.93	1,468.93
1117	05/18/23	AP	Vendor: 10111 Finning (Canada) a division of Finning International 949159560 Line: 2	EA		1.000	1,193.94	1,193.94
1736	06/29/23	AP	Vendor: 10111 Finning (Canada) a division of Finning International 985195879 Line: 1	EA		-1.000	1,193.94	-1,193.94
2100	06/29/23	AP	Vendor: 10111 Finning (Canada) a division of Finning International 985195879 Line: 2	EA		1.000	1,193.94	1,193.94
2101	06/29/23	AP	Vendor: 10111 Finning (Canada) a division of Finning International 985195879 Line: 3	EA		-1.000	1,193.94	-1,193.94
2172	05/18/23	AP	Vendor: 10111 Finning (Canada) a division of Finning International 949159560 Line: 3	EA		-1.000	1,468.93	-1,468.93
2173	05/18/23	AP	Vendor: 10111 Finning (Canada) a division of Finning International 949159560 Line: 4	EA		-1.000	1,193.94	-1,193.94
2174	05/18/23	AP	Vendor: 10111 Finning (Canada) a division of Finning International 949159560 Line: 5	EA		1.000	1,468.93	1,468.93



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2175	05/18/23	AP	Vendor: 10111 Finning (Canada) a division of Finning International	EA	1.000	1,193.94	1,193.94
			949159560 Line: 6				
131	06/06/23	EMParts	3128933 Belt-Serpentine W/ Air Condi	EA	1.000	212.71	212.71
322	06/15/23	EMParts	1994320 Seal Kit-Fan Motor	EA	1.000	189.32	189.32
323	06/15/23	EMParts	2247040 Gear Motor	EA	1.000	1,774.45	1,774.45
477	05/17/23	EMParts	5134490 Filter-Fuel / Water Separator	EA	1.000	47.14	47.14
			PO - Open - #1024644 - 10111 0R9940- Alternator G	EA	1.00	1,468.93	1,468.93
			PO - Open - #1024644 - 10111 Core charge	EA	1.00	1,193.94	1,193.94
			PO - Open - #1024644 - 10111 Core charge return	EA	-1.00	1,193.94	-1,193.94
					Labour Total	0.00	
					Parts Total	6,213.37	
					Miscellaneous Total	0.00	

Segment: 2 replace fuel filter

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
957	05/17/23	PR	Employee: 1266 Braden Bitzer		HRS	1.000		
						Labour Total	1.00	
						Parts Total	0.00	
						Miscellaneous Total	0.00	

Segment: 3 seized alternator and replaced

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
958	05/17/23	PR	Employee: 1266 Braden Bitzer		HRS	2.000		
959	05/23/23	PR	Employee: 3110 Callum Deditch		HRS	2.000		
						Labour Total	4.00	
						Parts Total	0.00	
						Miscellaneous Total	0.00	

Segment: 4 Check over and small repairs

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
960	05/24/23	PR	Employee: 3110 Callum Deditch		HRS	5.000		
						Labour Total	5.00	
						Parts Total	0.00	
						Miscellaneous Total	0.00	
						Labour Total	10.00	
						Parts Total	6,330.73	
						Miscellaneous Total	0.00	



Work Order: 14360

Description: Inspections and Repairs	7375 Hours	Date Started: 2023-09-28
Equipment: E599 Caterpillar 14H Grader	RD-2023-244 Insheet RD-2024-105 Outsheet	
Serial#: ASE01727		

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
726	11/10/23	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S7192938.001 Line: 1		EA	2.000	75.96	151.92
1063	11/15/23	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S7195537.001 Line: 1		EA	3.000	170.18	510.54
1561	11/16/23	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S7197643.001 Line: 1		EA	2.000	161.78	323.56
2	10/02/23	EMParts	6I0273 Filter-Air Primary		EA	1.000	61.55	61.55
3	10/02/23	EMParts	6I0274 Filter-Air Secondary		EA	1.000	64.96	64.96
26	01/03/24	EMParts	8T0336 Fitting-Relief		EA	1.000	4.99	4.99
40	10/02/23	EMParts	1L5072 Dowel		EA	1.000	4.26	4.26
41	10/02/23	EMParts	5D1911 Cover		EA	1.000	69.72	69.72
57	01/04/24	EMParts	1731498 Pulley-Idler		EA	1.000	341.22	341.22
58	01/04/24	EMParts	3128933 Belt-Serpentine W/ Air Conditioning		EA	1.000	216.82	216.82
183	12/11/23	EMParts	6G5979 Seal Kit-Differential Lock		EA	1.000	27.09	27.09
184	12/11/23	EMParts	8M4438 Seal-O-Ring		EA	2.000	3.93	7.86
251	11/14/23	EMParts	1245807 Decal-14H		EA	2.000	321.19	642.38
252	11/14/23	EMParts	2028649 Mirror-Heated		EA	1.000	392.15	392.15
253	11/14/23	EMParts	2J7761 Ring		EA	1.000	13.83	13.83
254	11/14/23	EMParts	3G0361 Gasket		EA	1.000	4.91	4.91
255	11/14/23	EMParts	7T7358 Filter-Cab Air		EA	1.000	31.81	31.81
256	11/14/23	EMParts	9H6454 Gasket-Hydraulic Cap		EA	1.000	5.08	5.08
257	11/14/23	EMParts	9M7394 Lever		EA	1.000	32.89	32.89
288	11/15/23	EMParts	4J0520 Seal-O-Ring Flange -16		EA	5.000	4.51	22.53
289	11/15/23	EMParts	4J0522 Seal-O-Ring Flange -20		EA	5.000	4.97	24.85
290	11/15/23	EMParts	6V8398 Seal-O-Ring Face -8		EA	20.000	2.27	45.47
329	12/12/23	EMParts	3128933 Belt-Serpentine W/ Air Condit		EA	1.000	212.71	212.71
494	01/18/24	EMParts	1900649 Tightener-Belt		EA	1.000	446.77	446.77
495	01/18/24	EMParts	3128933 Belt-Serpentine W/ Air Conditioning		EA	1.000	208.56	208.56
711	11/16/23	EMParts	7F8268 Seal-O-Ring		EA	1.000	7.76	7.76
725	12/14/23	EMParts	1245807 Decal-14H		EA	1.000	321.19	321.19

Labour Total	0.00
Parts Total	4,197.38
Miscellaneous Total	0.00

Segment: 2 Inspections



GCS Energy Services Ltd.

Work Order: 14360

Outsheet inspection.

Ran unit, noticed smoke from engine bay, inspect, found alt belt smoking/falling apart. Pull unit into shop, remove damaged belt. Inspect all pulleys, clean out melted rubber from all pulley grooves, install new belt. Run/test, no issues. Suspect that previous belt was improperly aligned when installed.

Pictures and park unit up front.

-Paul

Went to start this unit on a cold day and the alt belt jumped a couple ribs and came apart again. Brought unit back into shop, removed alternator, inspected, looked good. Replaced tensioner as I suspect this was our problem all along. Put unit back together and park outside overnight when it was cold. Tested next day, working fine. Put all panels back on unit and parked back up front.

-Paul

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1533	09/28/23	PR	Employee: 1575 Paul Nixon		HRS	2.000		

Labour Total 2.00

Parts Total 0.00

Miscellaneous Total 0.00

Segment: 3 Wash

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1341	11/14/23	PR	Employee: 3131 Shawn Rowe		HRS	1.000		

Labour Total 1.00

Parts Total 0.00

Miscellaneous Total 0.00

Segment: 4 Repair Boots, panels, doors, caps

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
297	01/04/24	PR	Employee: 3109 Cameron Ellsworth		HRS	0.500		
480	11/09/23	PR	Employee: 3131 Shawn Rowe		HRS	3.500		
481	11/10/23	PR	Employee: 3131 Shawn Rowe		HRS	1.000		
536	12/05/23	PR	Employee: 3108 Zachary Dean		HRS	1.000		
1349	11/22/23	PR	Employee: 3131 Shawn Rowe		HRS	2.500		

Labour Total 8.50

Parts Total 0.00

Miscellaneous Total 0.00

Segment: 5 Repair Leaks

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
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Work Order: 14360

482	11/10/23	PR	Employee: 3131 Shawn Rowe	HRS	5.000
537	12/07/23	PR	Employee: 3131 Shawn Rowe	HRS	8.500
538	12/08/23	PR	Employee: 3131 Shawn Rowe	HRS	2.000
1342	11/14/23	PR	Employee: 3131 Shawn Rowe	HRS	4.500
1344	11/15/23	PR	Employee: 3131 Shawn Rowe	HRS	7.500
1346	11/16/23	PR	Employee: 3131 Shawn Rowe	HRS	8.500
1348	11/21/23	PR	Employee: 3131 Shawn Rowe	HRS	8.500
1350	11/22/23	PR	Employee: 3131 Shawn Rowe	HRS	3.500

Labour Total	48.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 Check, adjust circle and moldboard

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
483	11/10/23	PR	Employee: 3131 Shawn Rowe		HRS	1.500		

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 7 Replace Air Filters

Segment: 8 Replace 14H Decal

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
539	12/08/23	PR	Employee: 3131 Shawn Rowe		HRS	5.000		
1343	11/14/23	PR	Employee: 3131 Shawn Rowe		HRS	2.500		
1345	11/15/23	PR	Employee: 3131 Shawn Rowe		HRS	0.500		
1347	11/16/23	PR	Employee: 3131 Shawn Rowe		HRS	0.500		

Labour Total	8.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 9 Replace alt belt

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1427	12/12/23	PR	Employee: 3131 Shawn Rowe		HRS	1.500		



Work Order: 14360

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 10 Repair tires going low

Rear right drive tires were going low, had to keep adding air to them. Drive unit to Kirks Tire shop. They found a leaking o-ring and valve stem on the tires. Fixed and drove back to shop.

-Paul

Labour Total	71.00
Parts Total	5,783.67
Miscellaneous Total	0.00

Description: Rental Return-Emsco	7375 Hours	Date Started: 2023-09-28
Equipment: E599 Caterpillar 14H Grader	RD-2023-244 Insheet RD-2024-105 Outsheet	
Serial#: ASE01727		

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1	10/02/23	EMParts	Dyed Diesel Dyed Diesel		EA	73.860	1.27	93.66
39	10/02/23	EMParts	5P6871 Mirror		EA	1.000	319.25	319.25
58	10/03/23	EMParts	2314487 Filter-Air		EA	1.000	21.05	21.05
110	01/09/24	EMParts	5P6871 Mirror		EA	-1.000	319.25	-319.25

Labour Total	0.00
Parts Total	114.71
Miscellaneous Total	0.00

Segment: 2 Wash and Clean Cab

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
294	01/02/24	PR	Employee: 2623 Brenton Woolman		HRS	5.500		
295	01/03/24	PR	Employee: 2623 Brenton Woolman		HRS	6.500		
296	01/04/24	PR	Employee: 2623 Brenton Woolman		HRS	1.000		

Labour Total	13.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Replace Mirror

L/H Mirror on cab has rock chip.



Work Order: 14361

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
2371	11/27/23	PR	Employee: 3131 Shawn Rowe		HRS	1.500		

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 Replace cab air Filter

Cab fresh air filter dirty.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
479	11/09/23	PR	Employee: 3131 Shawn Rowe		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	15.00
Parts Total	1,701.00
Miscellaneous Total	0.00

Description: Reg Maintenance	GRO11825	Date Started: 2024-08-02
Equipment: E599 Caterpillar 14H Grader	7382 hours	
Serial#: ASE01727		

Segment: 1 parts

Segment: 2 Trouble shoot oil leak

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1128	07/31/24	PR	Employee: 3119 Shawn Dittmer		HRS	3.000		

Labour Total	3.00
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	3.00
Parts Total	1,586.29
Miscellaneous Total	0.00



Work Order: Z10020

Description: Inspections, Repairs and Service Final Drives	5635 Hours	Date Started: 2018-01-09
Equipment: E599 Caterpillar 14H Grader	RD-2017-230 Insheet	
Serial#: ASE01727		

Segment: 1 Insheet

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
238	01/09/18	EMTime	Employee: 1575 Paul Nixon		HRS	1.000		
						Labour Total	1.00	
						Parts Total	0.00	
						Miscellaneous Total	0.00	

Segment: 2 Parts

1 - Ether bottle
2L wiper fluid
1L - 75W90

Segment: 3 Topped up fluids

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
239	01/09/18	EMTime	Employee: 1575 Paul Nixon		HRS	0.500		
						Labour Total	0.50	
						Parts Total	0.00	
						Miscellaneous Total	0.00	

Segment: 4 Greased unit and topped up Circle Drive oil levels

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
617	11/28/18	EMTime	Employee: 1575 Paul Nixon		HRS	1.000		
						Labour Total	1.00	
						Parts Total	0.00	
						Miscellaneous Total	0.00	

Segment: 5 Check/Replace ether bottle

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
240	01/09/18	EMTime	Employee: 1575 Paul Nixon		HRS	0.500		



Work Order: Z10020

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 R&R Seat and Cab Panels to Clean out mouse nests

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
241	01/09/18	EMTime	Employee: 1575 Paul Nixon		HRS	8.000		

Labour Total	8.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 7 Outsheet

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
242	01/09/18	EMTime	Employee: 1575 Paul Nixon		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 8 Washed and cleaned cab

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
243	01/09/18	EMTime	Employee: 1074 Jack Loughheed		HRS	10.500		

Labour Total	10.50
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	22.50
Parts Total	1,586.29
Miscellaneous Total	0.00