



Work Order: 10427

EB10-79

Description: Trouble shoot L/H Control Valve Leak, Repair 3	8905 Hours	Date Started: 2019-06-11
Equipment: E532 Caterpillar 160H Grader	GRO#7827,7956	
Serial#: CAT0160HJASD00492		

Segment: 1 Parts and Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
173	08/08/19	EMParts	1789961 Hose Assembly		EA	1.000	168.52	168.52
174	08/08/19	EMParts	2462596 Hose Assembly		EA	1.000	136.11	136.11
247	06/13/19	EMParts	4J7533 Seal-O-Ring		EA	1.000	1.30	1.30
248	06/13/19	EMParts	6E4502 Plug		EA	1.000	21.29	21.29
355	08/17/19	EMParts	5W40 Spectra 5W40		I	28.000	5.17	144.81
356	08/17/19	EMParts	TO4 Spectra Xtreme TO-4 All season		EA	8.000	5.73	45.82
723	07/30/19	EMParts	1R0762 Filter-Fuel Advanced Efficiency		EA	1.000	31.30	31.30
724	07/30/19	EMParts	1R1808 Filter-Oil Advanced Efficiency		EA	1.000	40.18	40.18
725	07/30/19	EMParts	2321732 Filter-Cab Air		EA	2.000	20.02	40.03
726	07/30/19	EMParts	5134490 Filter-Fuel / Water Separator		EA	1.000	47.67	47.67
727	07/30/19	EMParts	610273 Filter-Air Primary		EA	1.000	26.30	26.30
728	07/30/19	EMParts	7T7358 Cab Filter		EA	1.000	49.93	49.93

Labour Total	0.00
Parts Total	753.26
Miscellaneous Total	0.00

Segment: 2 Trouble shoot leak in L/H control valve

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
249	06/13/19	EMTime	Employee: 1577 Dylan Grant		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Remove broken plug on side shift valve

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
250	06/13/19	EMTime	Employee: 1577 Dylan Grant		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 Fab temporary plug from a bolt and install



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Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
251	06/13/19	EMTime	Employee: 1577 Dylan Grant		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 Leak check and install panels

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
252	06/13/19	EMTime	Employee: 1577 Dylan Grant		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 Install replacement plug and seal

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
360	08/17/19	EMTime	Employee: 1577 Dylan Grant		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 7 250 Hour Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
357	08/17/19	EMTime	Employee: 1577 Dylan Grant		HRS	2.000		

Labour Total	2.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 8 R&R fuel tank, replace fuel line and test

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
358	08/17/19	EMTime	Employee: 1577 Dylan Grant		HRS	6.000		



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Labour Total	6.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 9 Replace circle lock supply hose

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
359	08/17/19	EMTime	Employee: 1577 Dylan Grant		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	12.00
Parts Total	753.26
Miscellaneous Total	0.00

Description:	Leak on control valve	8958 Hours	Date Started:	2019-09-05
Equipment:	E532 Caterpillar 160H Grader	GRO#7835		
Serial#:	CAT0160HJASD00492			

Segment: 1 Parts and Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
113	09/06/19	AP	Vendor: 10111 Finning (Canada) a division of Finning International		EA	6.000	2.90	17.40
			946340215 Line: 1					
65	09/05/19	EMParts	7J9933 Seal-O-Ring		EA	6.000	2.19	13.14
339	09/16/19	EMParts	4J7533 Seal-O-Ring		EA	1.000	1.49	1.49
340	09/16/19	EMParts	6E4502 Plug		EA	1.000	23.21	23.21
633	09/25/19	EMParts	2K8199 Seal-O-Ring		EA	-6.000	2.92	-17.52

Labour Total	0.00
Parts Total	37.72
Miscellaneous Total	0.00

Segment: 2 Remove Broken plug and install New Plug R/S control valve

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
15	11/04/19	EMTime	Employee: 1577 Dylan Grant		HRS	1.000		



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Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 function test

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
16	11/04/19	EMTime	Employee: 1577 Dylan Grant		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	2.00
Parts Total	37.72
Miscellaneous Total	0.00

Description: Replace Cutting Edges w/Surrated+	9041 Hours	Date Started: 2019-11-21
Equipment: E532 Caterpillar 160H Grader	GRO#9970	
Serial#: CAT0160HJASD00492		

Segment: 1 Parts and Service

4- 8.8255 Surrated Edge

Segment: 2 Install Surrated Edges

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
571	11/26/19	EMTime	Employee: 1577 Dylan Grant		HRS	2.000		

Labour Total	2.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Repair leaking O-Ring on circle drive

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
572	11/26/19	EMTime	Employee: 1577 Dylan Grant		HRS	1.000		



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Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	3.00
Parts Total	0.00
Miscellaneous Total	0.00

Description: Repair L/H Turn Lights, lock-out actuator, 250 H
Equipment: E532 Caterpillar 160H Grader
Serial#: CAT0160HJASD00492
9109 Hours
GRO#9561
Date Started: 2019-11-26

Segment: 1 Parts and Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
121	12/09/19	EMParts	1335673 Filter-Fuel / Water Seperator		EA	1.000	36.81	36.81
122	12/09/19	EMParts	1R0762 Filter-Fuel Advanced Efficiency		EA	1.000	31.30	31.30
123	12/09/19	EMParts	1R1808 Filter-Oil Advanced Efficiency		EA	1.000	40.18	40.18
124	12/09/19	EMParts	2321732 Filter-Cab Air		EA	2.000	20.11	40.22
125	12/09/19	EMParts	6I0273 Filter-Air Primary		EA	1.000	25.73	25.73
126	12/09/19	EMParts	7T7358 Cab Filter		EA	1.000	49.93	49.93
137	12/10/19	EMParts	3345409 Lamp-Amber LED		EA	1.000	193.38	193.38
138	12/10/19	EMParts	3345410 Lamp-Amber LED		EA	1.000	175.26	175.26
289	12/17/19	EMParts	3345410 Lamp-Amber LED		EA	-1.000	175.26	-175.26
290	12/17/19	EMParts	3345409 Lamp-Amber LED		EA	-1.000	193.38	-193.38
291	12/17/19	EMParts	5W40 Spectra 5W40		I	30.000	5.20	156.00
573	11/26/19	EMParts	3E8817 Actuator-Switch Lock-Out		EA	1.000	64.36	64.36

Labour Total	0.00
Parts Total	444.53
Miscellaneous Total	0.00

Segment: 2 250 Hour Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
294	12/17/19	EMTime	Employee: 1577 Dylan Grant		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Replace Drawbar lockout switch actuator

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
295	12/17/19	EMTime	Employee: 1577 Dylan Grant		HRS	0.500		



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Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 T/S signal lights

Wiring in steering column in bad shape.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
296	12/17/19	EMTime	Employee: 1577 Dylan Grant		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 Inspect rear work lights

Will need replacing

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
297	12/17/19	EMTime	Employee: 1577 Dylan Grant		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	3.00
Parts Total	444.53
Miscellaneous Total	0.00

Description:	T/S Fuel, Reseal fan motor and replace rear wc	9202 Hours	Date Started:	2019-12-17
Equipment:	E532 Caterpillar 160H Grader	GRO#9614		
Serial#:	CAT0160HJASD00492			

Segment: 1 Parts and Service

Second set of fuel filter we left with unit.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
105	01/10/20	EMParts	1R0762 Filter-Fuel Advanced Efficiency		EA	2.000	31.30	62.60
106	01/10/20	EMParts	5134490 Filter-Fuel / Water Separator		EA	2.000	47.67	95.34
287	12/17/19	EMParts	1994320 Seal Kit-Fan Motor		EA	1.000	160.09	160.09
288	12/17/19	EMParts	2196485 Lamp-Flood		EA	2.000	74.01	148.02
312	01/17/20	EMParts	TO4 Spectra Xtreme TO-4 All season		EA	20.000	5.73	114.55



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Labour Total	0.00
Parts Total	580.60
Miscellaneous Total	0.00

Segment: 2 Replace Fuel Filters

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
313	01/17/20	EMTime	Employee: 1577 Dylan Grant		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Run and test unit

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
314	01/17/20	EMTime	Employee: 1577 Dylan Grant		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 Inspect fuel system

Rust present in water separator bowl (plastic fuel tank)

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
315	01/17/20	EMTime	Employee: 1577 Dylan Grant		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 R&R Reseal fan motor

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
316	01/17/20	EMTime	Employee: 1577 Dylan Grant		HRS	3.000		

Labour Total	3.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 T/S fan not working and repaired



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Found seal pinched on install, repaired, ran and tested.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
317	01/17/20	EMTime	Employee: 1577 Dylan Grant		HRS	1.000		
						Labour Total		1.00
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 7 Top up hydraulic Fluid

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
318	01/17/20	EMTime	Employee: 1577 Dylan Grant		HRS	1.000		
						Labour Total		1.00
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 8 T/S no heat in cab and repaired

Found heater hose pinched, adjusted hose, ran and tested.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
319	01/17/20	EMTime	Employee: 1577 Dylan Grant		HRS	3.000		
						Labour Total		3.00
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 9 Replace Rear work lights

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
320	01/17/20	EMTime	Employee: 1577 Dylan Grant		HRS	0.500		
						Labour Total		0.50
						Parts Total		0.00
						Miscellaneous Total		0.00
						Labour Total		11.50
						Parts Total		580.60
						Miscellaneous Total		0.00



Work Order: 10776

Description: 250 Hour Service	9324 hours	Date Started: 2020-02-12
Equipment: E532 Caterpillar 160H Grader	GRO - 9643	
Serial#: CAT0160HJASD00492		

Segment: 1 Parts and Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
404	02/12/20	EMParts	1R0762 Filter-Fuel Advanced Efficiency		EA	1.000	29.71	29.71
405	02/12/20	EMParts	1R1808 Filter-Oil Advanced Efficiency		EA	1.000	33.18	33.18
406	02/12/20	EMParts	2321732 Filter-Cab Air		EA	2.000	18.21	36.41
407	02/12/20	EMParts	5134490 Filter-Fuel / Water Separator		EA	1.000	43.72	43.72
408	02/12/20	EMParts	610273 Filter-Air Primary		EA	1.000	25.67	25.67
409	02/12/20	EMParts	7T7358 Cab Filter		EA	1.000	49.93	49.93
1080	02/18/20	EMParts	5W40 Spectra 5W40		I	32.000	5.21	166.71
Labour Total						0.00		
Parts Total						385.33		
Miscellaneous Total						0.00		

Segment: 2 250 Hour Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1070	02/13/20	EMTime	Employee: 1577 Dylan Grant		HRS	1.500		
Labour Total						1.50		
Parts Total						0.00		
Miscellaneous Total						0.00		
Labour Total						1.50		
Parts Total						385.33		
Miscellaneous Total						0.00		

Description: Replace Muffler	9359 Hours	Date Started: 2020-02-19
Equipment: E532 Caterpillar 160H Grader	GRO#9648	
Serial#: CAT0160HJASD00492		

Segment: 1 Parts and Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1163	02/19/20	EMParts	0T0065 Bolt		EA	1.000	2.34	2.34
1164	02/19/20	EMParts	4P0659 Clamp-Exhaust		EA	1.000	63.91	63.91
1165	02/19/20	EMParts	5M2894 Washer		EA	2.000	0.66	1.32
1166	02/19/20	EMParts	9S8752 Nut		EA	1.000	0.47	0.47
1167	02/19/20	EMParts	3053795 Muffler		EA	1.000	949.87	949.87



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1168	02/19/20	EMParts	3887016 Clamp-Exhaust	EA	1,000	29.41	29.41
1546	02/26/20	EMParts	5P2817 Hose (Bulk CM)	EA	40,000	1.08	43.20

Labour Total	0.00
Parts Total	1,090.52
Miscellaneous Total	0.00

Segment: 2 Replace Muffler

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1449	02/20/20	EMTime	Employee: 1577 Dylan Grant		HRS	3,500		

Labour Total	3.50
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	3.50
Parts Total	1,090.52
Miscellaneous Total	0.00

Description:	Check over unit and Change Cutting Edges	GRO-9406	Date Started:	2020-07-13
Equipment:	E532 Caterpillar 160H Grader	9443 Hours		
Serial#:	CAT0160HJASD00492			

Segment: 1 Parts and Service

Cutting Edges are on site

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
506	07/13/20	EMParts	1R0762 Filter-Fuel Advanced Efficiency		EA	1,000	29.71	29.71
507	07/13/20	EMParts	1R1808 Filter-Oil Advanced Efficiency		EA	1,000	33.18	33.18
508	07/13/20	EMParts	2321732 Filter-Cab Air		EA	2,000	18.74	37.47
509	07/13/20	EMParts	2J3506 Nut-3/4" NC GR8		EA	34,000	1.41	47.94
510	07/13/20	EMParts	5134490 Filter-Fuel / Water Separator		EA	1,000	43.72	43.72
511	07/13/20	EMParts	5J4773 Bolt-Plow 3/4"x2 1/2" GR8		EA	34,000	2.12	72.22
512	07/13/20	EMParts	6I0273 Filter-Air Primary		EA	1,000	25.67	25.67
513	07/13/20	EMParts	7T7358 Cab Filter		EA	1,000	49.93	49.93

Labour Total	0.00
Parts Total	339.84
Miscellaneous Total	0.00

Segment: 2 Re-inflate tire

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
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Work Order: 11294

473 08/07/20 PR Employee: 1577 Dylan Grant HRS 0.500

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Flip cutting edges

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
474	08/07/20	PR	Employee: 1577 Dylan Grant		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	1.50
Parts Total	339.84
Miscellaneous Total	0.00

Description: Inspections, 250 Hour Service and Repairs	GRO-8783/8784/8785/8786/8787	Date Started: 2020-12-03
Equipment: E532 Caterpillar 160H Grader	GRO-8788/8789/8791/8792/8793	
	GRO-8797/8798/8878/9337	
	9456 Hours	
Serial#: CAT0160HJASD00492	RD-2020-343 Insheet	
	RD-2021-116 Outsheet	

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
57	01/05/21	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S6025292.001	EA	3.000	149.38		448.14
			Line: 1					
341	12/14/20	AP	Vendor: 10321 Union Tractor Ltd. 040-219246 Line: 1	EA	1.000	130.00		130.00
444	01/12/21	AP	Vendor: 10111 Finning (Canada) a division of Finning International 984959041 Line: 1	EA	-1.000	221.36		-221.36
1158	12/14/20	AP	Vendor: 10111 Finning (Canada) a division of Finning International 947173290 Line: 1	EA	1.000	221.36		221.36
1243	12/10/20	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S6009023.001	LS	0.000	0.00		186.90
			Line: 2					
1244	12/09/20	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S6008174.001	LS	0.000	0.00		21.30
			Line: 1					
1	01/04/21	EMParts	3345409 Lamp-Amber LED	EA	1.000	193.38		193.38
2	01/04/21	EMParts	2196487 Flood Lamp	EA	1.000	78.52		78.52
14	01/05/21	EMParts	3146455 Quick Coupler-Nipple(Fuel Tank)	EA	1.000	242.82		242.82
15	01/05/21	EMParts	3146456 Quick Coupler (Fuel Tank)	EA	1.000	488.35		488.35
16	01/05/21	EMParts	5B9318 Ball	EA	1.000	0.48		0.48
17	01/05/21	EMParts	6E3007 Spring	EA	1.000	8.26		8.26
18	01/05/21	EMParts	6E4502 Plug	EA	1.000	23.21		23.21
19	01/05/21	EMParts	9R7240 Gasket-Fuel Tank	EA	1.000	4.16		4.16
20	01/05/21	EMParts	4J7533 Seal-O-Ring	EA	1.000	1.53		1.53
28	02/01/21	EMParts	3D2824 Seal-O-Ring	EA	1.000	2.56		2.56
29	01/05/21	EMParts	6E3007 Spring	EA	1.000	8.26		8.26
30	02/01/21	EMParts	5K9090 Seal-O-Ring	EA	7.000	2.09		14.63



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31	02/01/21	EMParts	5W40 Spectra 5W40	I	40.500	5.22	211.23
32	02/01/21	EMParts	60/40 Rad-Cool Antifreeze	EA	45.000	6.33	284.64
33	02/01/21	EMParts	6V8397 Seal-O-Ring Face -6	EA	10.000	1.62	16.20
34	02/01/21	EMParts	6V8398 Seal-O-Ring Face -8	EA	1.000	1.69	1.69
35	02/01/21	EMParts	6V9746 Seal-O-Ring Face -12	EA	5.000	1.89	9.45
36	02/01/21	EMParts	75W90 Certop SN 75W90 Gear Lube	EA	1.000	9.48	9.48
37	02/01/21	EMParts	7M8485 Seal-O-Ring	EA	2.000	3.16	6.32
38	02/01/21	EMParts	Oil All Hydraulic Oil 10W30	EA	4.000	4.18	16.74
39	02/01/21	EMParts	TO4 Spectra Xtreme TO-4 All season	EA	5.000	5.59	27.95
40	02/01/21	EMParts	5T8366 Wear Strip-Short	EA	4.000	44.80	179.20
41	02/01/21	EMParts	3K0360 Seal-O-Ring	EA	2.000	1.84	3.68
162	12/08/20	EMParts	1R0762 Filter-Fuel Advanced Efficiency	EA	1.000	29.71	29.71
163	12/08/20	EMParts	1R1808 Filter-Oil Advanced Efficiency	EA	1.000	32.29	32.29
164	12/08/20	EMParts	2314487 Filter-Air	EA	2.000	31.38	62.76
165	12/08/20	EMParts	5134490 Filter-Fuel / Water Separator	EA	1.000	42.06	42.06
166	12/08/20	EMParts	6I0273 Filter-Air Primary	EA	1.000	27.07	27.07
167	12/08/20	EMParts	7T7358 Cab Filter	EA	1.000	39.86	39.86
275	12/09/20	EMParts	1095309 Gasket	EA	1.000	175.63	175.63
276	12/09/20	EMParts	1260146 Hose-Crankcase	EA	1.000	51.98	51.98
277	12/09/20	EMParts	1799563 Tube-Turbo Oil Supply	EA	1.000	221.36	221.36
278	12/09/20	EMParts	1986068 Seal-Integral	EA	1.000	17.12	17.12
279	12/09/20	EMParts	1994320 Seal Kit-Fan Motor	EA	1.000	170.89	170.89
280	12/09/20	EMParts	2173673 Seal-Oil Pan	EA	1.000	229.54	229.54
281	12/09/20	EMParts	2173674 Isolation-Fastener Oil Pan	EA	14.000	10.39	145.46
282	12/09/20	EMParts	2K0419 Shim	EA	4.000	5.01	20.04
283	12/09/20	EMParts	3128933 Belt-Serpentine W/ Air Condit	EA	1.000	163.29	163.29
284	12/09/20	EMParts	3T3434 Plug-Rubber Ball	EA	6.000	3.47	20.82
285	12/09/20	EMParts	4J0520 Seal-O-Ring Flange -16	EA	1.000	4.05	4.05
286	12/09/20	EMParts	5746249 Gasket-Crankcase Breather	EA	1.000	8.91	8.91
287	12/09/20	EMParts	5K5288 Seal-Duo Cone	EA	2.000	184.21	368.42
288	12/09/20	EMParts	5P5678 Seal-Bulk By the Meter	EA	3.000	27.53	82.59
289	12/09/20	EMParts	7C8292 Isolator-Valve Cover	EA	8.000	9.44	75.52
290	12/09/20	EMParts	9Y6089 Gasket-Starter	EA	1.000	8.29	8.29
351	01/14/21	EMParts	1D5119 Nut	EA	12.000	1.81	21.72
352	01/14/21	EMParts	4B3604 Set Screw	EA	12.000	12.45	149.40
353	01/14/21	EMParts	1H7339 Seal-O-Ring	EA	1.000	5.46	5.46
354	01/14/21	EMParts	4F9653 Seal-O-Ring	EA	1.000	5.20	5.20
355	01/14/21	EMParts	5H4909 Seal O-Ring	EA	1.000	6.44	6.44
356	01/14/21	EMParts	6G5539 Gasket	EA	1.000	8.95	8.95
357	01/14/21	EMParts	6Y7953 Disc-Friction	EA	6.000	62.03	372.18
467	01/19/21	EMParts	5T8366 Wear Strip-Short	EA	4.000	44.80	179.20
468	01/19/21	EMParts	7N0296 Ether Cylinder-18oz	EA	1.000	78.70	78.70
588	01/26/21	EMParts	6E3037 Valve-Blade Lift	EA	1.000	2,241.35	2,241.35
589	01/26/21	EMParts	1010509 Seal-Integral Plate	EA	8.000	35.58	284.64
1168	12/18/20	EMParts	1010509 Seal-Integral Plate	EA	7.000	35.58	249.06
1169	12/18/20	EMParts	1013125 Gasket-Intake	EA	1.000	11.06	11.06
1170	12/18/20	EMParts	1217137 Seal-O-Ring	EA	2.000	2.34	4.68
1171	12/18/20	EMParts	1289654 Wear Strip (Poly)	EA	11.000	34.65	381.14
1172	12/18/20	EMParts	1445611 Pulley-Idler(Smooth)	EA	1.000	129.48	129.48
1173	12/18/20	EMParts	2097309 Plug-Dipstick	EA	3.000	13.39	40.17
1174	12/18/20	EMParts	2264755 Seal-Front Crankshaft	EA	1.000	121.32	121.32
1175	12/18/20	EMParts	2304171 Pulley-Idler(8-Groove)	EA	1.000	275.10	275.10
1176	12/18/20	EMParts	2529685 Gasket	EA	1.000	17.70	17.70
1177	12/18/20	EMParts	2J8163 Seal-O-Ring	EA	2.000	9.00	17.99
1178	12/18/20	EMParts	2K8199 Seal-O-Ring	EA	10.000	1.38	13.78
1179	12/18/20	EMParts	3330960 Wear Strip (Poly)	EA	6.000	42.67	256.01
1180	12/18/20	EMParts	3613549 Seal-O-Ring	EA	6.000	2.67	16.02
1181	12/18/20	EMParts	3K0360 Seal-O-Ring	EA	5.000	2.18	10.92



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Work Order: 11735

1182	12/18/20	EMParts	4D9986 Seal-O-Ring	EA	5.000	2.60	13.00
1183	12/18/20	EMParts	4F7952 Seal-O-Ring	EA	1.000	3.96	3.96
1184	12/18/20	EMParts	4J7533 Seal-O-Ring	EA	6.000	1.49	8.94
1185	12/18/20	EMParts	5T8739 U-Joint	EA	2.000	92.50	185.00
1186	12/18/20	EMParts	7J9933 Seal-O-Ring	EA	4.000	2.19	8.76
1187	12/18/20	EMParts	8L2786 Seal-O-Ring	EA	1.000	8.41	8.41
1188	12/18/20	EMParts	8M4437 Seal-O-Ring	EA	10.000	3.67	36.70
1189	12/18/20	EMParts	8N6854 Gasket-Oil Drain	EA	1.000	6.64	6.64
1190	12/18/20	EMParts	9Y0821 Sleeve-Front Crankshaft	EA	1.000	77.85	77.85
1191	12/18/20	EMParts	9Y4357 Braether-Crankcase	EA	1.000	70.21	70.21

Labour Total	0.00
Parts Total	9,945.18
Miscellaneous Total	0.00

Segment: 2 Insheet Inspection

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
519	12/07/20	PR	Employee: 2611 Matthew Walter		HRS	3.000		

Labour Total	3.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Wash and Clean Cab

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
521	12/08/20	PR	Employee: 2611 Matthew Walter		HRS	3.500		
1901	01/26/21	PR	Employee: 2611 Matthew Walter		HRS	2.500		

Labour Total	6.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 250 Hour Service

Segment: 5 Reseal Valve Cover and Base

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1478	12/14/20	PR	Employee: 2611 Matthew Walter		HRS	4.500		



Work Order: 11735

Labour Total	4.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 Remove engine, fix oil leaks-oil pan, starter, turbo

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
251	01/06/21	PR	Employee: 2611 Matthew Walter		HRS	1.500		
520	12/07/20	PR	Employee: 2611 Matthew Walter		HRS	1.000		
522	12/08/20	PR	Employee: 2611 Matthew Walter		HRS	6.000		
523	12/09/20	PR	Employee: 2611 Matthew Walter		HRS	9.500		
524	12/10/20	PR	Employee: 2611 Matthew Walter		HRS	9.500		
872	01/18/21	PR	Employee: 2611 Matthew Walter		HRS	2.500		
1479	12/14/20	PR	Employee: 2611 Matthew Walter		HRS	5.000		
1480	12/15/20	PR	Employee: 2611 Matthew Walter		HRS	4.500		
1482	12/16/20	PR	Employee: 2611 Matthew Walter		HRS	6.500		
1487	12/17/20	PR	Employee: 2611 Matthew Walter		HRS	7.000		

Labour Total	53.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 7 Repair leaking hoses and clamps

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
248	01/04/21	PR	Employee: 2611 Matthew Walter		HRS	1.500		
252	01/06/21	PR	Employee: 2611 Matthew Walter		HRS	2.000		
1483	12/16/20	PR	Employee: 2611 Matthew Walter		HRS	1.000		
1488	12/17/20	PR	Employee: 2611 Matthew Walter		HRS	1.000		

Labour Total	5.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 8 Reseal LH articulation cylinder

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1481	12/15/20	PR	Employee: 2611 Matthew Walter		HRS	5.000		

Labour Total	5.00
Parts Total	0.00
Miscellaneous Total	0.00



Work Order: 11735

Segment: 9 Reseal leaking fan motor

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1484	12/16/20	PR	Employee: 2611 Matthew Walter		HRS	2.000		
						Labour Total	2.00	
						Parts Total	0.00	
						Miscellaneous Total	0.00	

Segment: 10 Replace failed u-joints

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1485	12/17/20	PR	Employee: 2611 Matthew Walter		HRS	0.500		
						Labour Total	0.50	
						Parts Total	0.00	
						Miscellaneous Total	0.00	

Segment: 11 Repair damaged panels

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1486	12/17/20	PR	Employee: 2611 Matthew Walter		HRS	1.000		
1489	12/21/20	PR	Employee: 2611 Matthew Walter		HRS	4.500		
						Labour Total	5.50	
						Parts Total	0.00	
						Miscellaneous Total	0.00	

Segment: 12 Repair and adjust circle

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
867	01/11/21	PR	Employee: 2611 Matthew Walter		HRS	2.000		
868	01/12/21	PR	Employee: 2611 Matthew Walter		HRS	9.500		
869	01/13/21	PR	Employee: 2611 Matthew Walter		HRS	6.000		
870	01/14/21	PR	Employee: 2611 Matthew Walter		HRS	8.500		
871	01/18/21	PR	Employee: 2611 Matthew Walter		HRS	7.000		
873	01/19/21	PR	Employee: 2611 Matthew Walter		HRS	4.000		
						Labour Total	37.00	
						Parts Total	0.00	
						Miscellaneous Total	0.00	



Work Order: 11735

Segment: 13 Steam fuel tanks to get rid of dirt

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
245	01/04/21	PR	Employee: 2611 Matthew Walter		HRS	0.500		
1490	12/22/20	PR	Employee: 2611 Matthew Walter		HRS	2.500		
						Labour Total		3.00
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 14 Repair electrical issues with lights

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
246	01/04/21	PR	Employee: 2611 Matthew Walter		HRS	1.500		
1491	12/22/20	PR	Employee: 2611 Matthew Walter		HRS	2.500		
						Labour Total		4.00
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 15 Remove and replace front RH wheel seal

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
247	01/04/21	PR	Employee: 2611 Matthew Walter		HRS	5.000		
						Labour Total		5.00
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 16 Remove and replace blade lift valve

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
249	01/05/21	PR	Employee: 2611 Matthew Walter		HRS	9.500		
250	01/06/21	PR	Employee: 2611 Matthew Walter		HRS	4.500		
253	01/07/21	PR	Employee: 2611 Matthew Walter		HRS	1.500		
1899	01/25/21	PR	Employee: 2611 Matthew Walter		HRS	3.500		
1900	01/26/21	PR	Employee: 2611 Matthew Walter		HRS	4.000		
						Labour Total		23.00
						Parts Total		0.00
						Miscellaneous Total		0.00



Work Order: 11735

Segment: 17 Outsheet

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1902	01/27/21	PR	Employee: 1575 Paul Nixon		HRS	3.500		
1903	01/28/21	PR	Employee: 1575 Paul Nixon		HRS	2.000		

Labour Total	5.50
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	162.50
Parts Total	9,945.18
Miscellaneous Total	0.00

Description: regular maintenance GRO 8284 **Date Started:** 2021-08-31
Equipment: E532 Caterpillar 160H Grader
Serial#: CAT0160HJASD00492

Segment: 1 parts

Segment: 2 Check & adjust tire pressures to 50 psi

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1609	08/31/21	PR	Employee: 1266 Braden Bitzer		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Description: Check out unit and get running At OCL Yard. **Date Started:** 2022-02-17
Equipment: E532 Caterpillar 160H Grader
Serial#: CAT0160HJASD00492

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
462	02/17/22	EMParts	1R0762 Filter-Fuel Advanced Efficiency		EA	1.000	24.64	24.64



Work Order: 12822

463 02/17/22 EMParts 5134490 Filter-Fuel / Water Separator EA 1.000 38.03 38.03

Labour Total	0.00
Parts Total	62.67
Miscellaneous Total	0.00

Segment: 2 Check out unit and get running

Labour Total	0.00
Parts Total	62.67
Miscellaneous Total	0.00

Description: Inspections and Repairs	9513 Hours	Date Started: 2022-04-07
Equipment: E532 Caterpillar 160H Grader	RD-2022-143 Insheet RD-2024-172 Outsheet	
Serial#: CAT0160HJASD00492		

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
129	04/01/24	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S7342906.001 Line: 1	EA	1.000	510.72		510.72
210	04/16/24	AP	Vendor: 10321 Union Tractor Ltd. 040-232028 Line: 1	EA	1.000	29.31		29.31
211	04/16/24	AP	Vendor: 10321 Union Tractor Ltd. 040-232028 Line: 2	EA	1.000	57.30		57.30
212	04/16/24	AP	Vendor: 10321 Union Tractor Ltd. 040-232028 Line: 3	EA	1.000	82.76		82.76
213	04/16/24	AP	Vendor: 10321 Union Tractor Ltd. 040-232028 Line: 4	EA	1.000	59.39		59.39
214	04/16/24	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S7362729.001 Line: 1	LS	0.000	0.00		414.50
215	04/16/24	AP	Vendor: 10321 Union Tractor Ltd. 040-232028 Line: 5	EA	1.000	40.00		40.00
1959	04/29/24	AP	Vendor: 10401 RBC Avion Visa Apr 24_L Dahl Line: 11	LS	0.000	0.00		1,238.87
2071	03/23/24	AP	Vendor: 33259 DG Signs Inc. 2161 Line: 1	LS	0.000	0.00		380.00
2573	11/28/22	AP	Vendor: 10401 RBC Avion Visa Nov 22_Lance D Line: 12	LS	0.000	0.00		237.50
7	04/01/24	EMParts	4J7533 Seal-O-Ring	EA	1.000	2.03		2.03
8	04/01/24	EMParts	6E4502 Plug	EA	1.000	22.93		22.93
11	05/03/24	EMParts	2321732 Filter-Cab Air	EA	1.000	20.85		20.85
12	05/03/24	EMParts	610273 Filter-Air Primary	EA	1.000	42.96		42.96
13	05/03/24	EMParts	610274 Filter-Air Secondary	EA	1.000	38.30		38.30
14	05/03/24	EMParts	7T7358 Filter-Cab Air	EA	1.000	30.04		30.04
16	04/01/24	EMParts	3T3434 Plug-Rubber Ball	EA	6.000	4.79		28.74
24	04/02/24	EMParts	1672192 Seal Assembly-Buffer	EA	1.000	39.80		39.80
25	04/02/24	EMParts	1757897 Seal-O-Ring	EA	1.000	10.64		10.64
26	04/02/24	EMParts	2271143 Seal-Wiper	EA	1.000	52.55		52.55
27	04/02/24	EMParts	2384462 Seal Kit-Lift Cylinder	EA	0.000	148.00		0.00
28	04/02/24	EMParts	6J1381 ring	EA	1.000	6.48		6.48
63	04/04/24	EMParts	1672302 Seal-U-Cup	EA	1.000	32.63		32.63
64	04/04/24	EMParts	4T6779 Ring-Wear	EA	1.000	18.83		18.83
65	04/04/24	EMParts	6J0789 Ring'	EA	1.000	10.42		10.42
66	04/04/24	EMParts	6J0790 Seal	EA	1.000	54.98		54.98
67	04/04/24	EMParts	6J0793 Seal Assembly	EA	1.000	46.54		46.54
68	04/04/24	EMParts	8J6371 Ring	EA	1.000	41.88		41.88
99	04/09/24	EMParts	2210319 Gasket	EA	1.000	14.71		14.71
100	04/09/24	EMParts	4603761 Gasket	EA	1.000	14.41		14.41



GCS Energy Services Ltd.

Work Order: 12985

107	04/09/24	EMParts	2J8163 Seal-O-Ring	EA	1.000	11.94	11.94
108	04/09/24	EMParts	5K5288 Seal-Duo Cone	EA	1.000	169.76	169.76
130	04/07/22	EMParts	Dyed Diesel Dyed Diesel	EA	196.840	1.34	263.10
189	04/15/24	EMParts	6J0789 Ring'	EA	-1.000	10.42	-10.42
190	04/15/24	EMParts	6J0790 Seal	EA	-1.000	54.98	-54.98
202	04/17/24	EMParts	2G3865 Shim-0.13mm Thick Steel 3 hole	EA	2.000	3.97	7.94
363	01/16/24	EMParts	2405919 Shield-Heat Turbo Exhaust	EA	1.000	699.32	699.32
391	05/15/24	EMParts	60/40 Rad-Cool Antifreeze	EA	6.000	6.38	38.26
392	05/15/24	EMParts	TO4 Spectra Xtreme TO-4 All season	EA	22.000	6.82	150.01
486	03/26/25	EMParts	2384462 Seal Kit-Lift Cylinder	EA	1.000	198.85	198.85
905	04/25/24	EMParts	2028649 Mirror-Heated	EA	1.000	209.97	209.97
PO - Open - #1027422 - 33259 CAT door decals, 160H decals, red stripe decal				LS	0.00	0.00	380.00

Labour Total	0.00
Parts Total	7,105.07
Miscellaneous Total	0.00

Segment: 2 Insheet and outsheet inspections

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
665	04/07/22	PR	Employee: 2471 Greg Royer		HRS	2.000		

Labour Total	2.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Wash and Clean Cab

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1196	04/25/24	PR	Employee: 2623 Brenton Woolman		HRS	6.500		
1197	04/26/24	PR	Employee: 2623 Brenton Woolman		HRS	6.500		

Labour Total	13.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 Repair Leaks and top up fluids

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
451	04/01/24	PR	Employee: 3108 Zachary Dean		HRS	6.500		
452	04/02/24	PR	Employee: 3108 Zachary Dean		HRS	8.500		
453	04/04/24	PR	Employee: 3108 Zachary Dean		HRS	1.000		
454	04/05/24	PR	Employee: 3108 Zachary Dean		HRS	2.500		
455	04/12/24	PR	Employee: 3109 Cameron Ellsworth		HRS	3.500		
1190	04/15/24	PR	Employee: 3108 Zachary Dean		HRS	8.500		
1191	04/16/24	PR	Employee: 3108 Zachary Dean		HRS	8.500		



Work Order: 12985

1192	04/17/24	PR	Employee: 3108 Zachary Dean	HRS	4.500
1193	04/18/24	PR	Employee: 3108 Zachary Dean	HRS	2.500
1243	03/28/24	PR	Employee: 3108 Zachary Dean	HRS	6.000

Labour Total	52.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 Repair Lights, panels, guards, latches, decals

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1194	04/19/24	PR	Employee: 3108 Zachary Dean		HRS	0.500		
1195	04/22/24	PR	Employee: 3108 Zachary Dean		HRS	0.500		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 Repair Circle amd moldboard

Segment: 7 Repair pump driveshaft

Segment: 8 Check Codes

Labour Total	68.00
Parts Total	7,105.07
Miscellaneous Total	0.00

Description: Reg Maintenance	GRO7723/7724/11786/13137/13208	Date Started: 2024-06-24
Equipment: E532 Caterpillar 160H Grader	9638 hours	
Serial#: CAT0160HJASD00492	9763 hours Next Service	

Segment: 1 parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
58	10/09/24	EMParts	1321143 Seal-Tie Rod Boot		EA	2.000	23.11	46.22
59	10/09/24	EMParts	6G5539 Gasket		EA	1.000	12.89	12.89
60	10/09/24	EMParts	8T0336 Fitting-Relief		EA	1.000	4.88	4.88



Work Order: 14929

Labour Total	0.00
Parts Total	63.99
Miscellaneous Total	0.00

Segment: 2 RHS lift cylinder

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
506	06/11/24	PR	Employee: 3119 Shawn Dittmer		HRS	9.000		
507	06/12/24	PR	Employee: 3119 Shawn Dittmer		HRS	2.000		

Labour Total	11.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 replace o-ring seal

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
615	07/10/24	PR	Employee: 3119 Shawn Dittmer		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 complete In/Out sheet

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
274	10/09/24	PR	Employee: 3119 Shawn Dittmer		HRS	2.000		

Labour Total	2.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 change out gasket & seals

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1325	10/30/24	PR	Employee: 3119 Shawn Dittmer		HRS	4.500		

Labour Total	4.50
Parts Total	0.00
Miscellaneous Total	0.00



Work Order: 14929

Labour Total	18.50
Parts Total	443.99
Miscellaneous Total	0.00

Description: Reg Maintenance	GRO13420/13421	Date Started: 2025-03-28
Equipment: E532 Caterpillar 160H Grader	9650 hours March 2025	
Serial# CAT0160HJASD00492		

Segment: 1 parts

2 x grader straight cutting edges from Virden shop
 1 x 2321732 cab filter
 1 x 513-4490 fuel filter

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
403	07/22/25	EMParts	1P0436 Gasket-Primer Pump		EA	1.000	4.17	4.17
404	07/22/25	EMParts	1052508 Primer Pump		EA	1.000	221.24	221.24
405	07/22/25	EMParts	6I0273 Filter-Air Primary		EA	1.000	76.87	76.87
406	07/22/25	EMParts	7T7358 Filter-Cab Air		EA	1.000	30.04	30.04
407	07/22/25	EMParts	1R1808 Filter-Oil(Advanced Efficiency)		EA	1.000	38.51	38.51
408	07/22/25	EMParts	1R0762 Filter-Fuel Advanced Efficiency		EA	1.000	34.57	34.57
409	07/22/25	EMParts	5W40 Spectra Xtreme 5W40 (CK-4)		I	40.000	8.67	346.65
499	03/28/25	EMParts	1240507 Shock Absorber-Seat		EA	1.000	291.11	291.11
500	03/28/25	EMParts	5V1497 Retainer-Spring Washer		EA	1.000	3.67	3.67
501	03/28/25	EMParts	8Y6860 Spring Kit-Suspension Seat		EA	1.000	272.87	272.87

Labour Total	0.00
Parts Total	1,319.70
Miscellaneous Total	0.00

Segment: 2 Replace Cutting edges

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
676	03/27/25	PR	Employee: 3119 Shawn Dittmer		HRS	6.000		

Labour Total	6.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Install seat/shock absorber

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
272	04/02/25	PR	Employee: 3119 Shawn Dittmer		HRS	7.000		



Work Order: 15294

Labour Total	7.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1051	07/22/25	PR	Employee: 3119 Shawn Dittmer		HRS	4.000		

Labour Total	4.00
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	17.00
Parts Total	1,699.70
Miscellaneous Total	0.00

Description: 1000 Hour Service and Repair Leaks	8855 Hours	Date Started: 2017-11-18
Equipment: E532 Caterpillar 160H Grader	RD-2017-358 Insheet	
Serial#: CAT0160HJASD00492		

Segment: 1 Parts

- 1-7T7358 Cab Filter
- 2-2321732 Cab Filter
- 1-1R0774 Hydraulic Filter (33.08ea)
- 1-5P5127 Seal-O-Ring (5.28ea)
- 1-9X8600 Seal-O-Ring (9.13ea)
- 6-6V8398 Seal-O-Ring (1.62ea)
- 20-6V8397 Seal-O-Ring (1.57ea)

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
420	03/23/18	EMParts	7N0296 Cyinder Either Bottle 18oz		EA	1.000	77.22	77.22
421	03/23/18	EMParts	2K8199 Seal-O-Ring		EA	1.000	2.53	2.53
422	03/23/18	EMParts	4D9986 Seal-O-Ring		EA	1.000	2.28	2.28
423	03/23/18	EMParts	4J7533 Seal-O-Ring		EA	1.000	1.30	1.30
424	03/23/18	EMParts	8M4437 Seal-O-Ring		EA	2.000	3.37	6.74
425	03/23/18	EMParts	1328875 Filter-Power Train		EA	1.000	36.30	36.30
426	03/23/18	EMParts	0R7354 Rod Assembly-Lift		EA	1.000	980.03	980.03
427	03/23/18	EMParts	2384462 Seal Kit-Lift Cylinder		EA	1.000	150.60	150.60
428	03/23/18	EMParts	5B9318 Ball		EA	1.000	0.38	0.38
429	03/23/18	EMParts	6E3007 Spring		EA	1.000	7.59	7.59
430	03/23/18	EMParts	6E4502 Plug		EA	1.000	21.29	21.29
658	10/24/18	EMParts	TO4 Spectra Xtreme TO-4 All season		EA	10.000	5.46	54.60



Work Order: Z10060

Labour Total	0.00
Parts Total	1,340.86
Miscellaneous Total	0.00

Segment: 2 Insheet Inspection

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
419	03/23/18	EMTime	Employee: 1266 Braden Bitzer		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Replace Cab Air Filter and Ether Bottle

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
659	10/24/18	EMTime	Employee: 1575 Paul Nixon		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 Top up Tire Pressure and Hydraulic Fluid

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
660	10/24/18	EMTime	Employee: 1575 Paul Nixon		HRS	0.000		

Labour Total	0.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 Repair Leak on R/H Control Valve

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
661	10/24/18	EMTime	Employee: 1575 Paul Nixon		HRS	4.000		

Labour Total	4.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 1000 Hour Service and Replace Trans Filter Drain Valve



Work Order: Z10060

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
662	10/24/18	EMTime	Employee: 1575 Paul Nixon		HRS	3.000		

Labour Total	3.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 7 R&R L/H Blade Lift Cylinder Replace Rod and Rebuild

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
663	10/24/18	EMTime	Employee: 1575 Paul Nixon		HRS	5.000		

Labour Total	5.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 8 R&R L/H Control Valve and Replace Broken Plug

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
664	10/24/18	EMTime	Employee: 1575 Paul Nixon		HRS	7.500		

Labour Total	7.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 9 Repair Light

Repair Ground and Reseal Lens

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
665	10/24/18	EMTime	Employee: 1577 Dylan Grant		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 10 Outsheat Inspection

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
666	10/24/18	EMTime	Employee: 1577 Dylan Grant		HRS	1.500		



Work Order: Z10060

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	24.00
Parts Total	1,720.86
Miscellaneous Total	0.00