



Work Order: 10125

Description: Replace Engine and Repairs	GRO-9330/4183 hours	Date Started: 2018-06-20
Equipment: E379 John Deere 350D 35 Tonne Articulated Dump Truck	GRO-9445/4183 hours	
	GRO-9215/4183 hours	
	GRO-9529/4181 hours	
Serial#: DW350DT616168		

Segment: 1 Parts and Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
628	10/28/19	AP	Vendor: 10401 RBC Avion Visa Oct/19 Lance Line: 12		LS	0.000	0.00	66.00
715	11/28/19	AP	Vendor: 10401 RBC Avion Visa Nov/19 Lance Line: 2		LS	0.000	0.00	1,450.08
716	11/28/19	AP	Vendor: 10401 RBC Avion Visa Nov/19 Lance Line: 3		LS	0.000	0.00	409.90
721	04/16/20	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S5770340.001 Line: 1		LS	0.000	0.00	37.00
790	04/27/20	AP	Vendor: 10034 Brandt Tractor Ltd. 05 1552426 Line: 1		LS	0.000	0.00	981.20
1448	10/30/19	AP	Vendor: 32459 Fountain Tire (004C00013647) 0481009149 Line: 1		LS	0.000	0.00	350.00
1859	04/29/20	AP	Vendor: 10119 Killam Tire & Mechanical 0481100919 Line: 1		LS	0.000	0.00	49.50
1861	04/29/20	AP	Vendor: 10119 Killam Tire & Mechanical 0481100919 Line: 1		LS	0.000	0.00	-49.50
1862	04/29/20	AP	Vendor: 32459 Fountain Tire (004C00013647) 0481100919 Line: 1		LS	0.000	0.00	49.50
3402	07/30/20	AP	Vendor: 10034 Brandt Tractor Ltd. 05 1552935 Line: 1		LS	0.000	0.00	981.20
2	11/04/19	EMP	DC140175 Seal-O-Ring-Turbo Pipe		EA	2.000	34.03	68.06
12	11/04/19	EMP	DC221746 Gasket Turbo Oil Drain		EA	1.000	19.13	19.13
13	11/04/19	EMP	OS-AT255731 Washer		EA	4.000	0.00	0.00
115	11/06/19	EMP	0159974845 Seal-O-Ring		EA	1.000	7.83	7.83
140	03/05/20	EMP	1231PMF Battery-12v Group 31		EA	2.000	109.00	218.00
155	12/07/20	EMP	TTDC140166 Seal-O-Ring		EA	-6.000	11.24	-67.44
156	12/07/20	EMP	TTDC140179 Ring-Washer		EA	-6.000	9.50	-57.00
206	11/08/18	EMP	DC220029 Gasket-Oil Filler Cap		EA	1.000	10.67	10.67
207	11/08/18	EMP	DC221650 Valve Cover Gasket W/Filler		EA	1.000	21.34	21.34
208	11/08/18	EMP	DC221651 Valve Cover Gasket		EA	5.000	25.73	128.65
304	10/17/19	EMP	AT256396 Seal-O-Ring		EA	1.000	43.93	43.93
305	10/17/19	EMP	AT257100 Wear Ring-Flywheel Housing(PTO)		EA	1.000	165.47	165.47
306	10/17/19	EMP	AT257778 Wear Ring-Flywheel		EA	1.000	217.82	217.82
307	10/17/19	EMP	DC140158 Seal-Timing Gear Cover		EA	1.000	93.11	93.11
308	10/17/19	EMP	DC222053 Breather-Crankcase		EA	1.000	148.07	148.07
309	10/17/19	EMP	DC222191 Belt-Serpentine		EA	1.000	130.91	130.91
310	10/17/19	EMP	OS-DC140159 Seal-Ring		EA	1.000	0.00	0.00
311	10/17/19	EMP	TTAL140094 Seal		EA	1.000	193.08	193.08
312	10/17/19	EMP	TTDC140160 Seal-O-Ring		EA	6.000	9.42	56.52
313	10/17/19	EMP	TTDC140166 Seal-O-Ring		EA	6.000	11.24	67.44
314	10/17/19	EMP	TTDC140179 Ring-Washer		EA	6.000	9.50	57.00
315	10/17/19	EMP	TTDC221512 Filter-Fuel Secondary		EA	1.000	19.45	19.45
316	10/17/19	EMP	TTDC221513 Filter-Oil		EA	1.000	26.28	26.28
317	10/17/19	EMP	DC221605 Gasket-Oil Pan		EA	1.000	65.77	65.77
318	10/17/19	EMP	DC222164 Gasket-Flywheel Housing (PTO)		EA	1.000	61.54	61.54
319	10/17/19	EMP	DC222165 Gasket-L/H Fly Wheel Housing (		EA	1.000	61.54	61.54
328	12/15/20	EMP	5W40 Spectra 5W40		I	1.000	5.22	5.22
329	12/15/20	EMP	Dyed Diesel Dyed Diesel		EA	75.708	2.62	198.41
330	12/15/20	EMP	TorqueGlide Torque-Glide Synthetic Auto-Trans.		EA	1.000	15.39	15.39
368	12/18/19	EMP	DC140172 Ring-Seal		EA	2.000	4.34	8.68
431	11/22/19	EMP	208544 Gasket-Hyd Tank Cover		EA	1.000	29.07	29.07
432	11/22/19	EMP	220010 Filter-Hydraulic/WDB		EA	1.000	9.00	9.00
433	11/22/19	EMP	222389 Filter-Hydraulic		EA	1.000	141.17	141.17
434	11/22/19	EMP	A9060170860 Seal-Injector Combustion		EA	6.000	22.30	133.80
435	11/22/19	EMP	AT357236 Filter-Transmission Kit		EA	1.000	127.10	127.10
436	11/22/19	EMP	DC140059 Metal Sealing Washer		EA	8.000	1.51	12.08
437	11/22/19	EMP	DC221652 Gasket-Intake Manifold		EA	6.000	32.20	193.20



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438	11/22/19	EMParts	OS-DC140172 Ring-Seal	EA	4.000	0.00	0.00
439	11/22/19	EMParts	RE171321 Filter-Fuel 30 Micron	EA	1.000	14.26	14.26
440	11/22/19	EMParts	TT140744 Seal Kit	EA	1.000	53.01	53.01
441	11/22/19	EMParts	TT221378 Filter-Air Secondary	EA	1.000	76.06	76.06
442	11/22/19	EMParts	TT221379 Filter-Air Primary	EA	1.000	52.94	52.94
443	11/22/19	EMParts	TT222219 Filter-Transfer case	EA	1.000	14.16	14.16
444	11/22/19	EMParts	TT226019 Filter-Cab Air	EA	1.000	44.37	44.37
445	11/22/19	EMParts	TTDC140173 Ring	EA	2.000	2.58	5.16
474	04/15/20	EMParts	227951 Seal-O-Ring-Lip	EA	1.000	12.15	12.15
475	04/15/20	EMParts	4203184 Seal-O-Ring	EA	1.000	31.64	31.64
607	11/27/19	EMParts	226835 Pnumatic Valve Seal Kit	EA	2.000	25.01	50.02
608	11/27/19	EMParts	OS-221589 Gaskets	EA	3.000	0.00	0.00
609	11/27/19	EMParts	TT226831 Filter-Pneumatic Control Block	EA	5.000	7.08	35.40
651	11/28/19	EMParts	221585 Gasket-Pneumatic	EA	6.000	33.75	202.50
652	11/28/19	EMParts	221590 Seal-O-Ring	EA	3.000	4.00	12.00
653	11/28/19	EMParts	221594 Seal-O-Ring	EA	1.000	8.16	8.16
654	11/28/19	EMParts	224430 Soleniod-24v	EA	1.000	370.25	370.25
1027	04/21/20	EMParts	AT508406 Resistor-Transmission	EA	1.000	137.15	137.15
1185	09/24/20	EMParts	AT450372 Latch	EA	1.000	57.13	57.13
1317	03/30/20	EMParts	Dyed Diesel Dyed Diesel	EA	302.830	0.90	272.48
1675	01/27/20	EMParts	AT257100 Seal-Lip Type-Flywheel Housing(PTO)	EA	1.000	175.96	175.96
3816	09/24/20	EMParts	5W40 Spectra 5W40	I	30.000	5.22	156.47
3817	09/24/20	EMParts	60/40 Rad-Cool Antifreeze	EA	35.000	5.67	198.31
3818	09/24/20	EMParts	75W90 Certop SN 75W90 Gear Lube	EA	174.000	9.78	1,701.18
3819	09/24/20	EMParts	Oil All Hydraulic Oil 10W30	EA	185.000	5.81	1,074.05
3820	09/24/20	EMParts	TorqueGlide Torque-Glide Synthetic Auto-Tr	EA	37.000	15.39	569.29

Labour Total	0.00
Parts Total	12,279.27
Miscellaneous Total	0.00

Segment: 2 Insheet Inspection

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
718	07/01/20	PR	Employee: 1577 Dylan Grant		HRS	2.000		
719	07/02/20	PR	Employee: 1577 Dylan Grant		HRS	0.500		

Labour Total	2.50
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
731	04/16/20	EMTime	Employee: 1074 Jack Loughheed		HRS	6.500		
911	04/17/20	EMTime	Employee: 1074 Jack Loughheed		HRS	3.000		



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Labour Total	9.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 R&R Replace Engine

Push unit into shop with excavator. All engine fluids previously drained except fuel. Drained fuel tank as fuel was already several years old. Remove hood, cooling package, all hoses and wires/fuel lines. Remove oil pan since engine was unable to turn over to unbolt torque converter flexplate. Found #1 and #2 cylinder connecting rod bent and jammed up, had to use cutting disk to cut and free up in order to bar over engine. Remove engine from truck. Receive replacement engine and inspect/checkover. Found new engine had a cracked rear section (flywheel housing). Removed damaged parts, was able to salvage parts from old engine as the failure did not affect this part. Install parts onto new engine, perform compression test, all cylinders good. Set valves. Replace transmission torque converter shaft seal, install engine and all necessary components. Fill engine with oil, coolant, charge A/C. Run/test unit, running good.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
506	12/09/20	PR	Employee: 2471 Greg Royer		HRS	0.500		
482	03/09/20	EMTime	Employee: 1575 Paul Nixon		HRS	4.500		

Labour Total	5.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 Replace Batteries, fill fluids, checkover

Remove failed/dead batteries and install new batteries, clean all connections. Double check fluid levels.
Bolt missing on Belly pan.
lunch box latch broken.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
855	09/14/20	PR	Employee: 2338 Nolan MacGregor		HRS	0.500		
858	09/15/20	PR	Employee: 2338 Nolan MacGregor		HRS	4.500		
861	09/16/20	PR	Employee: 2338 Nolan MacGregor		HRS	2.000		
865	09/17/20	PR	Employee: 2338 Nolan MacGregor		HRS	4.000		
237	03/06/20	EMTime	Employee: 1575 Paul Nixon		HRS	4.000		

Labour Total	15.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 Install Pnumatic Manifold and Check over system

Install air manifold as it was previously removed by another tech. Install all connections, run, test. Working fine except horn was staying on all the time. It would get louder when you hit the horn button but was staying on consistently. T/S symptom, found horn solenoid block on air manifold had a failed o-ring, allowing air to pass by it even when not turned on. Replace solenoid and test, working fine now.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
2291	06/24/20	PR	Employee: 1575 Paul Nixon		HRS	1.000		
2293	06/25/20	PR	Employee: 1575 Paul Nixon		HRS	1.500		



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2517	06/24/20	PR	Employee: 1575 Paul Nixon	HRS	-1.000
2518	06/24/20	PR	Employee: 1575 Paul Nixon	HRS	1.000
2521	06/25/20	PR	Employee: 1575 Paul Nixon	HRS	-1.500
2522	06/25/20	PR	Employee: 1575 Paul Nixon	HRS	1.500
3560	06/24/20	PR	Employee: 1575 Paul Nixon	HRS	-1.000
3561	06/24/20	PR	Employee: 1575 Paul Nixon	HRS	1.000
3564	06/25/20	PR	Employee: 1575 Paul Nixon	HRS	-1.500
3565	06/25/20	PR	Employee: 1575 Paul Nixon	HRS	1.500
195	03/04/20	EMTime	Employee: 1575 Paul Nixon	HRS	7.000

Labour Total	9.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 7 T/S Electrical issues, install driveshaft

Install driveshafts that were previously removed for transport, torque to spec. Glow plug light on dash staying on. T/S issue, found light was on, but glow plugs were not powered. Inspected all wiring, tried swapped modules from other truck in yard of same serial number break, no change. Called Brandt in to try and resolve issue, they were unable to correct problem aswell and recommended removing all controllers from unit and sending to JD factory to have reprogrammed in hopes that that would solve the issue. We are going to run unit and see what happens when its cold enough outside for the glow plugs to kick in and go from there.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1392	04/24/20	PR	Employee: 1575 Paul Nixon		HRS	3.000		
2294	06/25/20	PR	Employee: 1575 Paul Nixon		HRS	1.500		
2523	06/25/20	PR	Employee: 1575 Paul Nixon		HRS	-1.500		
2524	06/25/20	PR	Employee: 1575 Paul Nixon		HRS	1.500		
2611	04/24/20	PR	Employee: 1575 Paul Nixon		HRS	-3.000		
2612	04/24/20	PR	Employee: 1575 Paul Nixon		HRS	3.000		
3566	06/25/20	PR	Employee: 1575 Paul Nixon		HRS	-1.500		
3567	06/25/20	PR	Employee: 1575 Paul Nixon		HRS	1.500		
3570	06/26/20	PR	Employee: 1575 Paul Nixon		HRS	2.000		
4126	06/29/20	PR	Employee: 1575 Paul Nixon		HRS	8.000		
4127	06/30/20	PR	Employee: 1575 Paul Nixon		HRS	5.500		
4331	06/29/20	PR	Employee: 1575 Paul Nixon		HRS	-8.000		
4332	06/29/20	PR	Employee: 1575 Paul Nixon		HRS	8.000		
4333	06/30/20	PR	Employee: 1575 Paul Nixon		HRS	-5.500		
4334	06/30/20	PR	Employee: 1575 Paul Nixon		HRS	5.500		
4603	06/29/20	PR	Employee: 1575 Paul Nixon		HRS	-8.000		
4604	06/29/20	PR	Employee: 1575 Paul Nixon		HRS	8.000		
4605	06/30/20	PR	Employee: 1575 Paul Nixon		HRS	-5.500		
4606	06/30/20	PR	Employee: 1575 Paul Nixon		HRS	5.500		
198	03/05/20	EMTime	Employee: 1575 Paul Nixon		HRS	7.500		

Labour Total	27.50
Parts Total	0.00
Miscellaneous Total	0.00



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Segment: 8 Run/test unit. Set pressures

Check over unit prior to starting. Some hydraulic components were removed to assist in troubleshooting another truck. Put all parts back on, checked connections. Run unit, check for leaks. Perform hyd pump tune up.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
2295	06/25/20	PR	Employee: 1575 Paul Nixon		HRS	1.500		
2525	06/25/20	PR	Employee: 1575 Paul Nixon		HRS	-1.500		
2526	06/25/20	PR	Employee: 1575 Paul Nixon		HRS	1.500		
3568	06/25/20	PR	Employee: 1575 Paul Nixon		HRS	-1.500		
3569	06/25/20	PR	Employee: 1575 Paul Nixon		HRS	1.500		
730	04/15/20	EMTime	Employee: 1575 Paul Nixon		HRS	8.500		
						Labour Total		
						10.00		
						Parts Total		
						0.00		
						Miscellaneous Total		
						0.00		

Segment: 9 4000Hr service

4000HR Service. Drained and replaced every fluid on truck ; coolant, all axles and planetary oils, transfer case, transmission, hydraulic and engine. Replaced all filters as well. Run, check and adjust fluid levels accordingly.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
859	09/15/20	PR	Employee: 2338 Nolan MacGregor		HRS	0.500		
2292	06/24/20	PR	Employee: 1575 Paul Nixon		HRS	2.000		
2519	06/24/20	PR	Employee: 1575 Paul Nixon		HRS	-2.000		
2520	06/24/20	PR	Employee: 1575 Paul Nixon		HRS	2.000		
3562	06/24/20	PR	Employee: 1575 Paul Nixon		HRS	-2.000		
3563	06/24/20	PR	Employee: 1575 Paul Nixon		HRS	2.000		
729	04/15/20	EMTime	Employee: 1575 Paul Nixon		HRS	2.000		
937	04/17/20	EMTime	Employee: 1575 Paul Nixon		HRS	4.000		
						Labour Total		
						8.50		
						Parts Total		
						0.00		
						Miscellaneous Total		
						0.00		

Segment: 10 T/S Trans issues, no reverse, only 2 forward gears

Transmission controller was found to be missing during pre-start check over. Ordered and installed new controller. Started truck, but truck only had two forward gears, no reverse. T/S issue but determined the new controller needed to be calibrated to the truck. Called Brandt, they came out and connected computer and calibrated all controllers. All speeds and directions working normal now.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1391	04/22/20	PR	Employee: 1575 Paul Nixon		HRS	1.000		
2609	04/22/20	PR	Employee: 1575 Paul Nixon		HRS	-1.000		
2610	04/22/20	PR	Employee: 1575 Paul Nixon		HRS	1.000		
936	04/17/20	EMTime	Employee: 1575 Paul Nixon		HRS	3.000		



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Labour Total	4.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 11 Cab tilt/pump reservoir leaking

Remove cab tilt pump, disassemble and replace damaged reservoir o-ring. Filled with oil and reinstalled, test.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
860	09/16/20	PR	Employee: 2338 Nolan MacGregor		HRS	2.000		
862	09/17/20	PR	Employee: 2338 Nolan MacGregor		HRS	2.000		

Labour Total	4.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 12 T/S and Repair Suspension

*Front suspension uneven
Front end clunks over bumps (Recheck with cab bolted down)*

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
856	09/15/20	PR	Employee: 2338 Nolan MacGregor		HRS	2.000		
863	09/17/20	PR	Employee: 2338 Nolan MacGregor		HRS	1.500		

Labour Total	3.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 13 T/S and Repair Box

*Box dump float kicks out early and doesn't close all the way.
When manually closing box bottom 6" slam shut.*

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
857	09/15/20	PR	Employee: 2338 Nolan MacGregor		HRS	2.000		
864	09/17/20	PR	Employee: 2338 Nolan MacGregor		HRS	0.500		

Labour Total	2.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 14 Outsheet

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1432	09/23/20	PR	Employee: 2395 Nickolas Schou		HRS	2.000		



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1519	09/23/20	PR	Employee: 2395 Nickolas Schou	HRS	-2.000
1520	09/23/20	PR	Employee: 2395 Nickolas Schou	HRS	2.000
1648	09/24/20	PR	Employee: 2395 Nickolas Schou	HRS	1.000

Labour Total	3.00
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	104.50
Parts Total	12,279.27
Miscellaneous Total	0.00

Description: boost & check fluids	GRO 6301	Date Started: 2021-01-26
Equipment: E379 John Deere 350D 35 Tonne Articulated Dump Truck		
Serial#: DW350DT616168		

Segment: 1 parts

Segment: 2 Boost & check fluids

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1871	01/26/21	PR	Employee: 2024 Travis Schmidt		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: Outsheet Checkover	4207 HRS, GRO 8430/8431/8531	Date Started: 2021-10-05
Equipment: E379 John Deere 350D 35 Tonne Articulated Dump Truck		
Serial#: DW350DT616168		

Segment: 1 parts

2L X WIPER FLUID
1 X PCR-380347 HOSE CLAMP
4L wiper fluid

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
64	10/06/21	EMParts	10953626 Transfer Case fluid		EA	1.000	12.66	12.66



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65	10/06/21	EMParts	60/40 Rad-Cool Antifreeze	EA	3.000	6.27	18.81
66	10/06/21	EMParts	5W40 Spectra 5W40	I	3.000	5.34	16.02

Labour Total	0.00
Parts Total	47.49
Miscellaneous Total	0.00

Segment: 2 Outsheet Checkover - top up fluids & clean cab

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
79	10/05/21	PR	Employee: 1266 Braden Bitzer		HRS	1.000		
80	10/06/21	PR	Employee: 1266 Braden Bitzer		HRS	3.000		
147	11/02/21	PR	Employee: 1266 Braden Bitzer		HRS	0.500		

Labour Total	4.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 wash

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
402	11/01/21	PR	Employee: 2392 Carmen Beck		HRS	3.000		

Labour Total	3.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 inspect for coolant leak - tighten clamps

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
148	11/02/21	PR	Employee: 1266 Braden Bitzer		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	8.50
Parts Total	47.49
Miscellaneous Total	0.00



Work Order: 12645

Description: Inspect Oil Leak and replace front main seal Unit at Mcmurphy BC Site. **Date Started:** 2021-11-30
Equipment: E379 John Deere 350D 35 Tonne Articulated Dump Truck
Serial#: DW350DT616168

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1758	02/08/22	AP	Vendor: 10034 Brandt Tractor Ltd. 05 4505154 Line: 1		EA	-1.000	152.02	-152.02
120	02/08/22	EMParts	T298641 Seal-Front Main (100 x 130 x 11)		EA	-1.000	37.44	-37.44
121	02/08/22	EMParts	T298642 Seal-Front Main (105 x 130 x 12)		EA	-1.000	57.51	-57.51
157	01/13/22	EMParts	T298642 Seal-Front Main		EA	2.000	170.52	341.04
158	01/13/22	EMParts	TTDC221605 Gasket-Oil Pan		EA	1.000	211.97	211.97
342	01/17/22	EMParts	TTDC222120 Gasket-Front Cover		EA	1.000	54.33	54.33
461	01/24/22	EMParts	AT257231 Bearing-Sleeve		EA	1.000	296.57	296.57
462	01/24/22	EMParts	T298641 Seal-Front Main		EA	2.000	37.44	74.88

Labour Total	0.00
Parts Total	731.82
Miscellaneous Total	0.00

Segment: 2 T/S and Inspect Leak

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1884	11/25/21	PR	Employee: 2395 Nickolas Schou		HRS	1.500		

Labour Total	1.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Replace front crank seal, front cover and oil pan gaskets

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
289	02/01/22	PR	Employee: 2611 Matthew Walter		HRS	4.500		
290	02/02/22	PR	Employee: 2611 Matthew Walter		HRS	8.000		
784	01/11/22	PR	Employee: 2611 Matthew Walter		HRS	2.000		
785	01/12/22	PR	Employee: 2611 Matthew Walter		HRS	3.500		
786	01/14/22	PR	Employee: 2611 Matthew Walter		HRS	4.000		

Labour Total	22.00
Parts Total	0.00
Miscellaneous Total	0.00



Work Order: 12645

Labour Total	23.50
Parts Total	731.82
Miscellaneous Total	0.00

Description: 350 Hour Service and park brake 4533 Hours **Date Started:** 2022-07-07
Equipment: E379 John Deere 350D 35 Tonne Articulated Dump Truck
Serial#: DW350DT616168

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
787	07/15/22	PR	Employee: 2395 Nickolas Schou		HRS	1.500		
69	07/07/22	EMParts	2465009 Filter-Air Primary		EA	1.000	117.33	117.33
70	07/07/22	EMParts	RE171321 Filter-Fuel 30 Micron		EA	1.000	18.82	18.82
71	07/07/22	EMParts	TT226019 Filter-Cab Air		EA	1.000	41.45	41.45
72	07/07/22	EMParts	TTDC221512 Filter-Fuel Secondary		EA	1.000	27.66	27.66
73	07/07/22	EMParts	TTDC221513 Filter-Oil		EA	1.000	52.09	52.09
590	07/27/22	EMParts	5W40 Spectra 5W40		I	30.000	5.92	177.64

Labour Total	1.50
Parts Total	434.99
Miscellaneous Total	0.00

Segment: 2 350 Hour Service

350 Hour Service

Segment: 3 Park brake takes long to engage

Unit had slow engagement and disengagement of park break. Pulled air line off brake pot and air was flowing as it should, pulled off air valve manifold and lubricated spool. Park brake worked properly after.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
788	07/16/22	PR	Employee: 2395 Nickolas Schou		HRS	3.000		

Labour Total	3.00
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	4.50
Parts Total	434.99
Miscellaneous Total	0.00



Work Order: 13350

Description: Starting issue	Unit at Emerson Site.	Date Started: 2022-08-17
Equipment: E379 John Deere 350D 35 Tonne Articulated Dump Truck		
Serial#: DW350DT616168		

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
36	09/07/22	EMParts	DC221646 Injector-Bosch(0432191240)		EA	6.000	205.98	1,235.88
37	09/07/22	EMParts	DC221650 Valve Cover Gasket W/Filler		EA	1.000	16.71	16.71
38	09/07/22	EMParts	DC221651 Valve Cover Gasket		EA	5.000	13.45	67.25
39	09/07/22	EMParts	R134A Refrigerant		EA	1.000	6.42	6.42
40	09/07/22	EMParts	TTDC140166 Seal-O-Ring		EA	6.000	11.24	67.44
41	09/07/22	EMParts	TTDC140179 Seal-O-Ring		EA	3.000	9.50	28.50
73	11/07/22	EMParts	19H2534 Bolt-1/2"-20x4" NF Gr5		EA	-5.000	22.15	-110.75
74	11/07/22	EMParts	DC221650 Valve Cover Gasket W/Filler		EA	-1.000	79.37	-79.37
668	08/17/22	EMParts	SE502411 Starter-24v (A006151501 Merced		EA	1.000	260.07	260.07
		PO - Open - #1022635 - 10034	Restocking Fee		LS	0.00	0.00	23.81
						Labour Total	0.00	
						Parts Total	1,515.96	
						Miscellaneous Total	0.00	

Segment: 2 Repair for no start

Operator complaint of no A/C. Check complaint. Install gauges. Pressure low. Add compressor oil & 1 lb R134A. Inspect for leaks.
Find and print injector replacement procedure. Replace injectors. Blow out combustion chambers. Check valve lash, reassemble, prime fuel. Start and run engage park brake.
Rock truck died while being moved out of work area.
Checked fuel filters/lines. Left to work on D7. When I got back truck fired up.
Tried to drive it - died again. When engine brake came on - removed air line.
Ran truck. Reinstalled. Turned brake down and tested runs with engine brake down.
Diag no start. Does crank. Check fuel filters, air filters, no active trouble codes. No relevant stored codes. Check.
Tilt cab. Check for fuel leaks. Found fluid seeping from exhaust. Pull exhaust shroud.
Remove clamp. After turbo followed exhaust to next clamp. Found diesel leaking from exhaust. Reassemble and notify foreman of issue.
Cage park break help. Hook up cable and steer to move away from work area.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1047	08/18/22	PR	Employee: 2915 Scott Scrivener		HRS	3.000		
1048	08/20/22	PR	Employee: 2915 Scott Scrivener		HRS	5.000		
2242	08/21/22	PR	Employee: 2915 Scott Scrivener		HRS	2.000		
2243	08/29/22	PR	Employee: 2915 Scott Scrivener		HRS	1.000		
2244	08/30/22	PR	Employee: 2915 Scott Scrivener		HRS	4.000		
2245	08/31/22	PR	Employee: 2915 Scott Scrivener		HRS	5.500		



Work Order: 13350

Labour Total	20.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Repair A/C

Operator complaint of no A/C. Check complaint. Install gauges. Pressure low.
Add compressor oil & 1 lb R134A. Inspect for leaks.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
599	09/04/22	PR	Employee: 2915 Scott Scrivener		HRS	2.000		

Labour Total	2.00
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	22.50
Parts Total	1,515.96
Miscellaneous Total	0.00

Description: regular maintenance	Date Started: 2023-03-01
Equipment: E379 John Deere 350D 35 Tonne Articulated Dump Truck	
Serial#: DW350DT616168	

Segment: 1 parts

1.5lb x 134a refrigerant

Segment: 2 wash

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
134	03/01/23	PR	Employee: 22 Garrett Nelson		HRS	4.500		
135	03/02/23	PR	Employee: 22 Garrett Nelson		HRS	2.000		

Labour Total	6.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 top us AC

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1901	06/08/23	PR	Employee: 28 Troy Schmidt		HRS	0.500		



Work Order: 13918

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	7.00
Parts Total	23.81
Miscellaneous Total	0.00

Description: Replace Oil Cap and Service unit Unit at Hardisty Pit. **Date Started:** 2023-05-29
Equipment: E379 John Deere 350D 35 Tonne Articulated Dump Truck
Serial#: DW350DT616168

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1713	05/25/23	AP	Vendor: 10064 Comrades Parts & Accessories Ltd. 000-385033 Line: 2		EA	20.000	0.36	7.20
152	06/06/23	EMParts	210105 Indicator-Level		EA	1.000	40.48	40.48
597	05/29/23	EMParts	AT257534 Cap-Engine Oil		EA	1.000	50.92	50.92

Labour Total	0.00
Parts Total	98.60
Miscellaneous Total	0.00

Segment: 2 Remove seat and look for oil cap

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
907	05/24/23	PR	Employee: 3110 Callum Deditch		HRS	3.000		

Labour Total	3.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Install Seat and Service Unit

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
908	05/25/23	PR	Employee: 3110 Callum Deditch		HRS	2.000		

Labour Total	2.00
Parts Total	0.00
Miscellaneous Total	0.00



Work Order: 14113

Segment: 4 Outsheet

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1900	06/02/23	PR	Employee: 3110 Callum Deditch		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00
Labour Total	6.00
Parts Total	122.41
Miscellaneous Total	0.00

Description: Reg Maintenance	GRO13816/13877	Date Started: 2025-05-12
Equipment: E379 John Deere 350D 35 Tonne Articulated Dump Truck	4737 hours May 2025	
Serial#: DW350DT616168		

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
101	05/14/25	EMParts	AT417422 Tank-Washer Fluid W/Pump		EA	1.000	278.04	278.04

Labour Total	0.00
Parts Total	278.04
Miscellaneous Total	0.00

Segment: 2 In-Sheet 4737 hours

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
167	05/08/25	PR	Employee: 3119 Shawn Dittmer		HRS	3.000		

Labour Total	3.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Replace washer bottle

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
412	05/16/25	PR	Employee: 3119 Shawn Dittmer		HRS	2.500		



Work Order: 15352

Labour Total	2.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 wash & blow out cab

Labour Total	5.50
Parts Total	301.85
Miscellaneous Total	0.00