



Work Order: 10335

EB10-218

Description: Inspections and Repairs	688 Hours	Date Started: 2019-01-14
Equipment: E541 Bomag BW211D-40 84" Smooth Drum Packer	RD-2019-113 Insheet RD-2019-176 Outsheets	
Serial#: 901583531039		

Segment: 1 Parts and Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
321	05/16/19	EMParts	50/50 Rad-Cool Antifreeze		EA	9.000	5.00	45.00
366	04/16/19	EMParts	06220882 Seal-O-Ring		EA	1.000	5.41	5.41
553	04/25/19	EMParts	BS8000 Radar		EA	1.000	1,759.16	1,759.16
742	01/31/19	EMParts	Dyed Diesel Dyed Diesel		EA	13.250	0.96	12.69
						Labour Total	0.00	
						Parts Total	1,822.26	
						Miscellaneous Total	0.00	

Segment: 2 Insheet Inspection

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
741	01/31/19	EMTime	Employee: 1575 Paul Nixon		HRS	1.500		
						Labour Total	1.50	
						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
333	05/16/19	EMTime	Employee: 1074 Jack Loughheed		HRS	6.000		
						Labour Total	6.00	
						Parts Total	0.00	
						Miscellaneous Total	0.00	

Segment: 4 Top up Fluids

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
332	05/16/19	EMTime	Employee: 1575 Paul Nixon		HRS	0.500		



Work Order: 10335

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 Replace leaking Coolant Clamp

Had Spring Type Clamp Replaced with Gear Clamp

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
331	05/16/19	EMTime	Employee: 1575 Paul Nixon		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 Adjust Drum Scrapers

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
330	05/16/19	EMTime	Employee: 1575 Paul Nixon		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 7 Adjust Fan Belt

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
329	05/16/19	EMTime	Employee: 1575 Paul Nixon		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 8 Remove Hydraulic Filter and Replace O-Ring

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
328	05/16/19	EMTime	Employee: 1575 Paul Nixon		HRS	1.000		

Labour Total	1.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 9 Repair Seat



GCS Energy Services Ltd.

Work Order: 10335

*Disassembled Seat Found Back adjustment was broken.
Had Viet weld back together, reinstalled and test.*

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
327	05/16/19	EMTime	Employee: 1575 Paul Nixon		HRS	2.000		

Labour Total	2.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 10 Trouble Shoot P.A.S.S. not working

*All Electrical connection look good, cleaned, lubed spring and linkage.
Battery voltage slightly low, charged batteries, test and now P.A.S.S. is working.*

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
326	05/16/19	EMTime	Employee: 1575 Paul Nixon		HRS	3.000		

Labour Total	3.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 11 Replaced Camera and Radar Bracket

Radar and mounting bracket had been smashed into.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
325	05/16/19	EMTime	Employee: 1575 Paul Nixon		HRS	3.000		

Labour Total	3.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 12 Repair Front Wiper Sprayer

Blew out lines, had to drill out sprayer nozzle in order to free it up so it would spray normally.

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
324	05/16/19	EMTime	Employee: 1575 Paul Nixon		HRS	2.000		

Labour Total	2.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 13 Outsheet Inspection



Work Order: 10335

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
323	05/16/19	EMTime	Employee: 2338 Nolan MacGregor		HRS	2.000		

Labour Total 2.00

Parts Total 0.00

Miscellaneous Total 0.00

Labour Total 23.00

Parts Total 1,822.26

Miscellaneous Total 0.00

Description: Replace Leaking Hose 750 HRS, GRO#5265/5266/5268 **Date Started:** 2020-04-13
Equipment: E541 Bomag BW211D-40 84" Smooth Drum Packer
Serial#: 901583531039

Segment: 1 Parts and Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
413	04/14/20	EMParts	05550335 Hose Assembly(111-16x93.75"OAL		EA	1.000	120.44	120.44
663	04/13/20	EMParts	Zinc Free Zinc Free Hydraulic Oil (PER LITRE)		EA	15.000	2.73	40.88
664	04/13/20	EMParts	60/40 Rad-Cool Antifreeze		EA	7.000	5.77	40.41
665	04/14/20	EMParts	Zinc Free Zinc Free Hydraulic Oil (PER LITRE)		EA	10.000	2.73	27.25

Labour Total 0.00

Parts Total 228.98

Miscellaneous Total 0.00

Segment: 2 Wash under cab and get bleaching pictures

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
567	04/15/20	EMTime	Employee: 1266 Braden Bitzer		HRS	1.000		

Labour Total 1.00

Parts Total 0.00

Miscellaneous Total 0.00

Segment: 3 Inspect faulty hose and R&R large hydraulic feed hose

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
555	04/13/20	EMTime	Employee: 1266 Braden Bitzer		HRS	1.500		
556	04/14/20	EMTime	Employee: 1266 Braden Bitzer		HRS	3.000		



Work Order: 10974

Labour Total	4.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 outsheet and checkover - adjust drum, scrapers

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
557	04/14/20	EMTime	Employee: 1266 Braden Bitzer		HRS	2.000		

Labour Total	2.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 repair vibrate button

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
558	04/14/20	EMTime	Employee: 1266 Braden Bitzer		HRS	0.500		

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 6 wash

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
559	04/14/20	EMTime	Employee: 1266 Braden Bitzer		HRS	1.500		
846	04/15/20	EMTime	Employee: 2392 Carmen Beck		HRS	1.500		

Labour Total	3.00
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	11.00
Parts Total	228.98
Miscellaneous Total	0.00

Description: Inspections, 1000 Hour Service, and Repairs	GRO-8802/8799/8876/8862	Date Started: 2020-10-26
Equipment: E541 Bomag BW211D-40 84" Smooth Drum Packer	915 Hours	
Serial#: 901583531039	RD-2020-322 Insheet	
	RD-2021-113 Outsheet	

Segment: 1 Parts

2.5L of 15W-40



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Work Order: 11642

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
592	01/19/21	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S6040142.001 Line: 1		EA	2.000	22.71	45.42
22	02/01/21	EMParts	5W40 Spectra 5W40		I	9.000	5.22	46.94
23	02/01/21	EMParts	75W90 Certop SN 75W90 Gear Lube		EA	13.000	9.48	123.23
24	02/01/21	EMParts	Dyed Diesel Dyed Diesel		EA	189.271	0.87	165.59
432	01/18/21	EMParts	05710631 Filter-Oil		EA	1.000	20.08	20.08
433	01/18/21	EMParts	07993014 Filter-Hydraulic		EA	1.000	233.85	233.85
434	01/18/21	EMParts	08820065 Filter-Fuel		EA	1.000	76.49	76.49
435	01/18/21	EMParts	08821159 Filter-Fuel		EA	1.000	37.47	37.47
436	01/18/21	EMParts	2229020 Filter-Air Primary		EA	1.000	37.21	37.21
471	01/19/21	EMParts	07993023 Seal Kit-Hydraulic Filter		EA	1.000	44.26	44.26

Labour Total	0.00
Parts Total	830.54
Miscellaneous Total	0.00

Segment: 2 Insheet Inspection

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
261	12/01/20	PR	Employee: 2395 Nickolas Schou		HRS	2.500		

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
880	01/21/21	PR	Employee: 2611 Matthew Walter		HRS	4.500		

Labour Total	4.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 4 Adjust Scrapers

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
874	01/19/21	PR	Employee: 2611 Matthew Walter		HRS	2.000		

Labour Total	2.00
Parts Total	0.00
Miscellaneous Total	0.00



GCS Energy Services Ltd.

Work Order: 11642

Segment: 5 T/S and Repair Leaks

Hydraulic Filter Leaking L/H Engine Bay.
 Fuel Line Starting to crack going in and out of filter.
 Fuel starting to sweat around plug on return line at tank.
 Washer fluid reservoir missing cap.
 L/F differential plug seems stripped.
 Adjust window nozzles.
 Hose under cab rubbing

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
875	01/19/21	PR	Employee: 2611 Matthew Walter		HRS	0.500		
877	01/20/21	PR	Employee: 2611 Matthew Walter		HRS	2.500		
881	01/21/21	PR	Employee: 2611 Matthew Walter		HRS	0.500		
						Labour Total		3.50
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 6 Check and Adjust fluid levels

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
882	01/21/21	PR	Employee: 2611 Matthew Walter		HRS	0.500		
						Labour Total		0.50
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 7 1000 Hour Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
876	01/19/21	PR	Employee: 2611 Matthew Walter		HRS	3.000		
878	01/20/21	PR	Employee: 2611 Matthew Walter		HRS	3.000		
883	01/21/21	PR	Employee: 2611 Matthew Walter		HRS	4.000		
						Labour Total		10.00
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 8 Readjust washer spray nozzle and test

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
879	01/20/21	PR	Employee: 2611 Matthew Walter		HRS	0.500		



Work Order: 11642

Labour Total	0.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 9 Outsheet

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
884	01/22/21	PR	Employee: 2471 Greg Royer		HRS	2.500		

Labour Total	2.50
Parts Total	0.00
Miscellaneous Total	0.00

Labour Total	26.00
Parts Total	830.54
Miscellaneous Total	0.00

Description: regular maintenance 918 HRS; GRO 6465/6466/6469 **Date Started:** 2021-02-24
Equipment: E541 Bomag BW211D-40 84" Smooth Drum Packer
Serial#: 901583531039

Segment: 1 parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
27	02/25/21	EMParts	60/40 Rad-Cool Antifreeze		EA	15.000	6.27	94.07
29	02/26/21	EMParts	05762241 Switch-Push Button(Vibrate)		EA	1.000	57.09	57.09

Labour Total	0.00
Parts Total	151.16
Miscellaneous Total	0.00

Segment: 2 Checkover- flush rad & top up fluids

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1829	02/24/21	PR	Employee: 1266 Braden Bitzer		HRS	0.500		
1830	02/25/21	PR	Employee: 1266 Braden Bitzer		HRS	2.000		

Labour Total	2.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 R&R vibrate switch



Work Order: 11924

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1831	02/25/21	PR	Employee: 1266 Braden Bitzer		HRS	0.500		
1832	02/26/21	PR	Employee: 1266 Braden Bitzer		HRS	1.000		
						Labour Total	1.50	
						Parts Total	0.00	
						Miscellaneous Total	0.00	

Segment: 4 Repair & Modify fire extinguisher bracker for pin

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1833	02/26/21	PR	Employee: 1266 Braden Bitzer		HRS	0.500		
						Labour Total	0.50	
						Parts Total	0.00	
						Miscellaneous Total	0.00	
						Labour Total	4.50	
						Parts Total	151.16	
						Miscellaneous Total	0.00	

Description: T/S, Repair Vibe switch and Fuel Cap Equipment: E541 Bomag BW211D-40 84" Smooth Drum Packer Serial#: 901583531039	Unit at CNRL Site. GRO-8682 993 Hours.	Date Started: 2021-05-25
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Segment: 1 Parts

Diode 6Amp/100V

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1361	06/14/21	AP	Vendor: 10651 Ko-Hen Electronics Supply Ltd. 0000414080 Line: 1		LS	0.000	0.00	5.25
311	12/13/21	EMParts	05750472 Monitor-Module		EA	1.000	840.96	840.96
769	05/25/21	EMParts	05762241 Switch-Push Button(Vibrate)		EA	1.000	57.70	57.70
770	05/25/21	EMParts	06550011 Cap-Fuel Tank		EA	1.000	46.53	46.53
						Labour Total	0.00	
						Parts Total	950.44	
						Miscellaneous Total	0.00	

Segment: 2 T/S, Repair Vibe switch and fuel cap

Unbolt dash and unbolt display swap out for good display. Bolt down and test. Unit works.
 Finish bolting dash down. Clean up tools.



Work Order: 12155

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
171	07/08/21	PR	Employee: 2611 Matthew Walter		HRS	1.500		
1135	05/27/21	PR	Employee: 2611 Matthew Walter		HRS	0.500		
1889	05/30/21	PR	Employee: 2611 Matthew Walter		HRS	1.000		
1890	05/31/21	PR	Employee: 2611 Matthew Walter		HRS	1.000		
Labour Total						4.00		
Parts Total						0.00		
Miscellaneous Total						0.00		

Segment: 3 Replace Diode for Vibe circuit

Diagnose UBE switch. Replace diode that wasn't working. Vibe button still not working. Then park brake stuck on. Examine schematics. Find wire pulled out but unable to find home. Check schematics again. Find correct location and try. Park brake releases. Try diode backwards. No change. Check resistance & continuity in all wires for function. All check out. Seems to have no power to switch @ all. Before wire 159 was jumped to power to get power directly to vibe severity switch. Module not supplying into power. Will need to test more & possibly try known working module. (HLD Display).

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
957	06/15/21	PR	Employee: 2611 Matthew Walter		HRS	2.500		
958	06/22/21	PR	Employee: 2611 Matthew Walter		HRS	1.500		
Labour Total						4.00		
Parts Total						0.00		
Miscellaneous Total						0.00		
Labour Total						8.00		
Parts Total						950.44		
Miscellaneous Total						0.00		

Description: Inspections, 350 Hour Service and Repairs 1026.9 Hours **Date Started:** 2022-04-08
Equipment: E541 Bomag BW211D-40 84" Smooth Drum Packer RD-2024-198 Insheet
Serial#: 901583531039

Segment: 1 Parts

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
575	08/09/24	AP	Vendor: 11081 Polar Mobility Research Ltd 0000399074 Line: 1		EA	1.000	193.46	193.46
576	08/09/24	AP	Vendor: 11081 Polar Mobility Research Ltd 0000399074 Line: 2		EA	1.000	496.05	496.05
577	08/09/24	AP	Vendor: 11081 Polar Mobility Research Ltd 0000399074 Line: 3		LS	0.000	0.00	59.86
584	08/19/24	AP	Vendor: 21172 SMS Equipment Inc. PSI/71482358 Line: 1		EA	3.000	10.14	30.42
585	08/19/24	AP	Vendor: 21172 SMS Equipment Inc. PSI/71482358 Line: 2		EA	3.000	23.67	71.01



GCS Energy Services Ltd.

Work Order: 12995

971	07/29/24	AP	Vendor: 10416 Hose Headquarters (Red Deer) Ltd. S7496327.001 Line: 1	EA	3.000	264.74	794.22
1656	08/19/24	AP	Vendor: 21172 SMS Equipment Inc. PSI/71482358 Line: 3	EA	-3.000	10.14	-30.42
1657	08/19/24	AP	Vendor: 21172 SMS Equipment Inc. PSI/71482358 Line: 4	EA	-3.000	23.67	-71.01
1658	08/19/24	AP	Vendor: 21172 SMS Equipment Inc. PSI/71482358 Line: 5	EA	3.000	10.14	30.42
1659	08/19/24	AP	Vendor: 21172 SMS Equipment Inc. PSI/71482358 Line: 6	EA	3.000	23.67	71.01
184	07/12/24	EMParts	05710631 Filter-Oil	EA	1.000	20.08	20.08
185	07/12/24	EMParts	2229020 Filter-Air Primary	EA	1.000	20.43	20.43
186	07/12/24	EMParts	2229021 Filter-Air Secondary	EA	1.000	64.22	64.22
293	07/22/24	EMParts	08820065 Filter-Fuel	EA	1.000	156.69	156.69
294	07/22/24	EMParts	08821159 Filter-Fuel	EA	1.000	107.51	107.51
308	07/22/24	EMParts	05579318 Resistor-Fan Motor	EA	2.000	105.65	211.31
309	07/22/24	EMParts	32121246 Wiper Arm-Front	EA	1.000	575.00	575.00
441	10/25/24	EMParts	58291087 Window-Rear W/Defrost	EA	1.000	0.00	0.00
442	10/25/24	EMParts	GA31A Battery	EA	1.000	132.95	132.95
857	07/29/24	EMParts	05579242 Motor-Heater	EA	2.000	524.85	1,049.70
919	07/31/24	EMParts	05579318 Resistor-Fan Motor	EA	-2.000	114.49	-228.98
PO - Open - #1027978 - 21172 58291075-washer				EA	3.00	10.14	30.42
PO - Open - #1027978 - 21172 05932138- fastening				EA	3.00	23.67	71.01

Labour Total	0.00
Parts Total	3,855.36
Miscellaneous Total	0.00

Segment: 2 Inspections

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
616	07/11/24	PR	Employee: 3109 Cameron Ellsworth		HRS	2.000		
617	07/12/24	PR	Employee: 3109 Cameron Ellsworth		HRS	1.500		

Labour Total	3.50
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 3 Wash and Clean Cab

Segment: 4 Repair Leaks

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1110	07/29/24	PR	Employee: 3109 Cameron Ellsworth		HRS	7.000		

Labour Total	7.00
Parts Total	0.00
Miscellaneous Total	0.00

Segment: 5 Repair Fan, Wipers, Radar, Beacon and Replace Battery



Work Order: 12995

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
618	07/16/24	PR	Employee: 3109 Cameron Ellsworth		HRS	7.500		
619	07/17/24	PR	Employee: 3109 Cameron Ellsworth		HRS	4.500		
638	10/18/24	PR	Employee: 3103 Dallas Wood		HRS	4.000		
639	10/21/24	PR	Employee: 3103 Dallas Wood		HRS	0.500		
1063	07/30/25	PR	Employee: 3103 Dallas Wood		HRS	1.000		
1326	10/28/24	PR	Employee: 3108 Zachary Dean		HRS	0.500		
						Labour Total		18.00
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 6 350 Hour Service

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
620	07/17/24	PR	Employee: 3109 Cameron Ellsworth		HRS	1.000		
						Labour Total		1.00
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 7 Repair A/C

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
1111	07/31/24	PR	Employee: 3109 Cameron Ellsworth		HRS	3.000		
						Labour Total		3.00
						Parts Total		0.00
						Miscellaneous Total		0.00
						Labour Total		32.50
						Parts Total		3,855.36
						Miscellaneous Total		0.00

Description: Inspect and Replace Belt Equipment: E541 Bomag BW211D-40 84" Smooth Drum Packer Serial#: 901583531039	630 Hours GRO#6249	Date Started: 2018-04-26
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Segment: 1 Parts and Service

1-08821097 (130.55ea)



Work Order: Z10065

Segment: 2 Replace Belt

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
630	04/27/18	EMTime	Employee: 1577 Dylan Grant		HRS	2.000		
						Labour Total		2.00
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 3 Diagonse Leak

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
631	04/27/18	EMTime	Employee: 1577 Dylan Grant		HRS	0.500		
						Labour Total		0.50
						Parts Total		0.00
						Miscellaneous Total		0.00

Segment: 4 Inspect Unit

Trans	Actual Date	Source	Details	STATUS	UM	Units	Price	Total Cost
632	04/27/18	EMTime	Employee: 1577 Dylan Grant		HRS	1.000		
						Labour Total		1.00
						Parts Total		0.00
						Miscellaneous Total		0.00
						Labour Total		3.50
						Parts Total		101.43
						Miscellaneous Total		0.00

