

ZIEGLER CAT901 West 94th Street
Minneapolis MN 55420-4236

EQ 00 64480

ZIEGLER CAT RentalMinnesota 800-352-2812
Iowa 800-342-7002
Missouri 800-342-7002
Wisconsin 800-342-7002**Service Invoice**Invoice SI000254746
Date 11/10/2022
Call Number SC00291848
Location Sioux City
Page 1 / 5

Sold to:

Ship to 5300 HARBOR DR
SIOUX CITY, IA 51111-1114Invoice Account
I001723Payment
Internal - No PaymentDue Date
11/10/2022

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	EQ0064480	3,446

SC00291848-001 Clean - Machine

Quantity	Type	Part Number	Description	Unit Price	Amount
	Labor		Labor		370.00

Labor: 370.00

Segment Subtotal: 370.00

Credit card payments are only accepted at Point of Sale
A service charge of 1 1/2% per month will be assessed on all past due accounts.ZRS RNTL HEAVY AGRI REPAIR & MAINT
ATTN: CORP HEAVY RENTAL MANAGER
901 W 94TH ST
MINNEAPOLIS, MN 55420-4236Invoice SI000254746
Date 11/10/2022
Account I001723

Please Remit to:

Ziegler Inc.
SDS 12-0436
PO BOX 86
MINNEAPOLIS, MN 55486-0436

Amount Due:

\$7,015.29

Amount Enclosed:

Invoice SI000254746	Date 11/10/2022	Call Number SC00291848	Location Sioux City	Page 2 / 5
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Customer PO	Customer EQ	Model MT865E	Serial Number AGCC0865JHNKG1040	Equipment ID EQ0064480	Segment SMU 3,446
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SC00291848-002 Check - Machine

Customer complaint: Looked over machin. Made list of faults and priced parts.

Resultant damage: None

Cause of failure: None

Repair process comments: Inspected machine and made quote.

Quantity	Type	Part Number	Description	Unit Price	Amount
	Labor		Labor		592.00

Labor: 592.00

Segment Subtotal: 592.00

Customer PO	Customer EQ	Model MT865E	Serial Number AGCC0865JHNKG1040	Equipment ID EQ0064480	Segment SMU 3,446
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SC00291848-003 Repair - Water Leak - Coolant

Customer complaint: Coolant leaking from updated coolant lines coming from ICAC to coolant manifold.

Resultant damage: Low coolant

Cause of failure: None

Repair process comments: Tightened coolant lines to see if that would fix. Ran machine until it got to operating temp. No leaks detected and all looked good.

Quantity	Type	Part Number	Description	Unit Price	Amount
3.00	Parts	79037130 - 200	COOLANT-EG PM 1G	10.69	32.07
	Labor		Labor		148.00

Parts: 32.07

Labor: 148.00

Segment Subtotal: 180.07

Customer PO	Customer EQ	Model MT865E	Serial Number AGCC0865JHNKG1040	Equipment ID EQ0064480	Segment SMU 3,446
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SC00291848-004 Repair - Tow Cable

Customer complaint: Machine missing tow cable and mount was bent.

Resultant damage: None

Cause of failure: None

Repair process comments: Removed half of front weight from mount and removed tow cable mount. Installed new and reinstalled all removed weights. Installed tow cable onto machine. Everything looked good.

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	500126D1 - 200	CABLE	651.00	651.00
1.00	Parts	500124D1 - 200	PIN HITCH	7.99	7.99
1.00	Parts	500120D1 - 200	MOUNTING BRACKET	351.00	351.00
	Labor		Labor		222.00

Parts: 1,009.99

Labor: 222.00

Segment Subtotal: 1,231.99

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Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	EQ0064480	3,446

SC00291848-005 Perform Maintenance On - Machine - Initial

Customer complaint: Performed maintenance on machine

Resultant damage: None

Cause of failure: None

Repair process comments: Replaced engine primary and secondary filter on machine. Installed new recirculation filter in cab. Removed belly pan panel to get to oil drain and filter. Drained oil and disposed of. Removed oil filter and installed new. Added engine oil to machine. Replaced both fuel filters and primed system. Started machine and checked oil topped off as necessary. All worked good.

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	501153D1 - 200	AIR FILTER	36.55	36.55
1.00	Parts	V837091117 - 200	FUEL FILTER KIT	147.45	147.45
1.00	Parts	V837081555 - 200	ENG OIL FILTER	118.71	118.71
1.00	Parts	565824D1 - 200	AIR FITR.ELEMENT	117.70	117.70
1.00	Parts	565825D1 - 200	AIR FITR.ELEMENT	223.44	223.44
	Labor		Labor		555.00
16.50	Misc	CD6	CAT DEO-ULS 15W40 GAL	22.33	368.45
Parts: 643.85			Labor: 555.00	Misc: 368.45	Segment Subtotal: 1,567.30

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	EQ0064480	3,446

SC00291848-006 Repair - Turbocharger

Customer complaint: High pressure turbocharger gasket seeping

Resultant damage: None

Cause of failure: None

Repair process comments: Removed hardware from engine and flange retaining pipe to turbo. Cleaned both surfaces and installed gasket. Installed all hardware removed back onto machine. Repeated steps on other side of machine. Ran machine and all worked good, no leaks.

Quantity	Type	Part Number	Description	Unit Price	Amount
2.00	Parts	V837084638 - 200	GASKET	13.50	27.00
2.00	Parts	V581704600 - 200	HEX SOCKET SCREW	0.81	1.62
	Labor		Labor		296.00
Parts: 28.62			Labor: 296.00	Segment Subtotal: 324.62	

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Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	EQ0064480	3,446

SC00291848-007 Replace - Fasteners, Cntrs & Hardwr - Guard

Customer complaint: Machine missing hardware on engine guard.

Resultant damage: None

Cause of failure: None

Repair process comments: Ordered and installed missing hardware onto machine.

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	CH8T-4222 - 200	FLAT WASHER-11MM ID	3.09	3.09
1.00	Parts	400988X1 - 200	SOCKET HEAD BOLT-M10	4.59	4.59
	Labor		Labor		74.00

Parts: 7.68

Labor: 74.00

Segment Subtotal: 81.68

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	EQ0064480	3,446

SC00291848-008 Repair - Light(S)

Customer complaint: Two lights were not working on machine

Resultant damage: None

Cause of failure: None

Repair process comments: Removed bulb and installed with new on one of the lights. All worked good. Inspected rear light and discovered that wire was broken. Removed connector from light and stripped back wires. Installed new connector and pins and all worked good.

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	526709D1 - 200	BULB-H9	29.50	29.50
2.00	Parts	9X3402	Socket	2.01	4.02
	Labor		Labor		148.00

Parts: 33.52

Labor: 148.00

Segment Subtotal: 181.52

Invoice	Date	Call Number	Location	Page
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Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	EQ0064480	3,446

SC00291848-009 Repair - Undercarriage

Customer complaint: Bogie wheels were worn and the rubber had peeled off

Cause of failure: General wear and usage.

Repair process comments: Lifted the right side of the tractor up so the track would sag to gain room to remove the bogie wheels. Chiseled out compacted dirt from the bogie wheels to get to the bolts. Removed bolts on the wheels and slide the wheels out. Cleaned dirt off the track. Put the new bogie wheels on and applied Loctite on the bolts and torqued them to spec. Removed the jacks and set the tractor back down. Pulled tractor out of the shop. Cleaned all the mud and dirt out of the bay the tractor brought in from the lot.

Quantity	Type	Part Number	Description	Unit Price	Amount
3.00	Parts	548350D3 - 200	MID ROLLER WHEEL-POL	599.30	1,797.90
	Labor		Labor		555.00

Parts: 1,797.90

Labor: 555.00

Segment Subtotal: 2,352.90

Subtotal	6,882.08
Shop Supplies and Environmental Fees	133.21
Sales Tax	0.00
Total	\$ 7,015.29



901 West 94th Street
Minneapolis MN 55420-4236



Minnesota 800-352-2812
Iowa 800-342-7002
Missouri 800-342-7002
Wisconsin 800-342-7002

Service Invoice

Invoice SI000230926
Date 9/21/2022
Call Number SC00211423
Location Fergus Falls
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Sold to:



Ship to 3502 STATE HIGHWAY 210 W
FERGUS FALLS, MN 56537-4003

Invoice Account	Payment	Due Date
1001723	Internal - No Payment	9/21/2022

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	B14497	3,007

SC00211423-001 Repair - Cab Door

Customer complaint: door does not unlatch easy

Resultant damage: hard to open

Cause of failure: adjustment

Repair process comments: removed the cover and adjusted the door latch. reinstalled the cover.

Quantity	Type	Part Number	Description	Unit Price	Amount
	Labor		Labor		71.50

Labor: 71.50

Segment Subtotal: 71.50

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ZRS RNTL HEAVY AGRI REPAIR & MAINT
ATTN: CORP HEAVY RENTAL MANAGER
901 W 94TH ST
MINNEAPOLIS, MN 55420-4236

Invoice	SI000230926
Date	9/21/2022
Account	1001723

Please Remit to:

Ziegler Inc.
SDS 12-0436
PO BOX 86
MINNEAPOLIS, MN 55486-0436

Amount Due:

\$9,933.23

Amount Enclosed:

Invoice	Date	Call Number	Location	Page
SI000230926	9/21/2022	SC00211423	Fergus Falls	2 / 7

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	B14497	3,007

SC00211423-002 Repair - Seat/Arm Cushion

Customer complaint: left arm rest will not adjust

Resultant damage: arm rest would not adjust

Cause of failure: nut fell out of place

Repair process comments: disassembled arm rest. reinstalled the adjusting nut in place. reassembled the arm rest.

Quantity	Type	Part Number	Description	Unit Price	Amount
	Labor		Labor		107.25

Labor: 107.25

Segment Subtotal: 107.25

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	B14497	3,007

SC00211423-004 Repair - Diesel Exhaust Fluid Tank - Cap(s)

Customer complaint: def cap chain is broken

Resultant damage: broken chain

Cause of failure: broken chain

Repair process comments: removed and replaced the def cap

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	4355409M1 - 200	FILLER CAP	101.74	101.74
	Labor		Labor		35.75

Parts: 101.74

Labor: 35.75

Segment Subtotal: 137.49

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	B14497	3,007

SC00211423-005 Repair - Start Switch

Customer complaint: repair start switch

Resultant damage: mouse damaged wiring

Cause of failure: mouse damage

Repair process comments: removed the paneling for the key switch. removed multiple wires that were damaged. reinstalled the paneling. tested the system.

Quantity	Type	Part Number	Description	Unit Price	Amount
	Labor		Labor		643.50

Labor: 643.50

Segment Subtotal: 643.50

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Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	B14497	3,007

SC00211423-008 Replace - Serpentine Belt

Customer complaint: belts are cracking

Resultant damage: no damage

Cause of failure: normal wear

Repair process comments: removed and replaced both serpentine belts.

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	565812D1 - 200	BELT-1917MM 8PK	70.10	70.10
1.00	Parts	578629D1 - 200	FAN BELT-1760MM 12PK	58.60	58.60
	Labor		Labor		143.00

Parts: 128.70

Labor: 143.00

Segment Subtotal: 271.70

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	B14497	3,007

SC00211423-009 Repair - Light(S)

Customer complaint: right front low beam and right rear flasher lights are out

Resultant damage: light did not work

Cause of failure: light bulbs

Repair process comments: tested lights. removed and replaced the light bulbs.

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	7797137 - 200	BULB-12V	1.86	1.86
1.00	Parts	526709D1 - 200	BULB-H9	33.21	33.21
	Labor		Labor		107.25

Parts: 35.07

Labor: 107.25

Segment Subtotal: 142.32

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	B14497	3,007

SC00211423-010 Replace - Cab Air Filter - Cover

Customer complaint: cab air cleaner cover fell off

Resultant damage: cover fell off

Cause of failure: tape fell off

Repair process comments: removed the cover assembly behind the seat. removed the remaining tape. cleaned parts. installed new double sided tape. reinstalled the cover.

Quantity	Type	Part Number	Description	Unit Price	Amount
	Labor		Labor		107.25

Labor: 107.25

Segment Subtotal: 107.25

Invoice	Date	Call Number	Location	Page
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Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	B14497	3,007

SC00211423-011 Adjust - Air Induct & Exhaust Sys

Customer complaint: air intake is rubbing on the hood

Resultant damage: intake rubbed on the hood

Cause of failure: broken clamps

Repair process comments: inspected where it was rubbing and found broken intake clamps. removed and replaced clamps. verified the intake lines did not rub on the hood.

Quantity	Type	Part Number	Description	Unit Price	Amount
2.00	Parts	402847X1 - 200	P-CLIP-74.6MM ID	5.99	11.98
	Labor		Labor		107.25

Parts: 11.98

Labor: 107.25

Segment Subtotal: 119.23

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	B14497	3,007

SC00211423-012 Repair - Refrigerant Condenser - Mounting

Customer complaint: missing bolt in the a/c condenser mounting

Resultant damage: missing bolt

Cause of failure: missing bolt

Repair process comments: installed a new bolt and washer

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	400341X1 - 200	HEX HEAD BOLT-M8 X 1	1.49	1.49
1.00	Parts	390597X1 - 200	PLAIN WASHER-M10 ZN	1.39	1.39
	Labor		Labor		35.75

Parts: 2.88

Labor: 35.75

Segment Subtotal: 38.63

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	B14497	3,007

SC00211423-013 Replace - Slow Moving Vehicle Sign

Customer complaint: replace slow moving vehicle sign

Resultant damage: not visible smv

Cause of failure: decal peeling off

Repair process comments: removed and replaced smv

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	2000884 - 299	SMV SIGN	12.18	12.18
	Labor		Labor		35.75

Parts: 12.18

Labor: 35.75

Segment Subtotal: 47.93

Invoice	Date	Call Number	Location	Page
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Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	B14497	3,007

SC00211423-016 Replace - Swinging Drawbar - Padded

Customer complaint: swinging draw bar bumpers are missing

Resultant damage: missing bumpers

Cause of failure: broken bumpers

Repair process comments: removed the remaining of the bumper plats. there were several broken bolts to extract. installed new bumpers.

Quantity	Type	Part Number	Description	Unit Price	Amount
4.00	Parts	CH200-8749 - 200	STOP-23MM X 50MM	43.24	172.96
8.00	Parts	400039X1 - 200	HEX HEAD BOLT-M10 X	1.05	8.40
8.00	Parts	400287X1 - 200	FLAT WASHER-X 11-21	1.36	10.88
	Labor		Labor		321.75

Parts: 192.24

Labor: 321.75

Segment Subtotal: 513.99

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	B14497	3,007

SC00211423-017 Troubleshoot - Fault Code

Customer complaint: trouble shoot logged faults

Resultant damage: no damage

Cause of failure: no failure

Repair process comments: checked faults. the latest one was for left track tension low. checked track tension. de tensioned the track and tested the nitrogen pressure, that was at spec. re tensioned the track. tested the machine and no faults came active. cleared logged faults.

Quantity	Type	Part Number	Description	Unit Price	Amount
	Labor		Labor		178.75

Labor: 178.75

Segment Subtotal: 178.75

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	B14497	3,007

SC00211423-023 TRACTOR CLEAN MN - Clean - Tractor (Agricultural) - Minor *

Customer complaint: clean machine

Resultant damage: no damage

Cause of failure: no failure

Repair process comments: cleaned the cab and washed the machine.

Quantity	Type	Part Number	Description	Unit Price	Amount
	Labor		Labor		429.00

Labor: 429.00

Segment Subtotal: 429.00

Invoice	Date	Call Number	Location	Page
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Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	B14497	3,007

SC00211423-024 Perform Maintenance On - Comprehensive Service - Ziegler's Site 00001 ZZZZZ
COMPREHENSIVE

Customer complaint: perform comprehensive service

Resultant damage: no damage

Cause of failure: no failure

Repair process comments: performed comprehensive service. changed the engine oil and filters, transmission oil and filters, fuel filters, oil in the idlers, bogies, and reaction arms, engine air filters, def filter. washed oil off the machine.

Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	V837091117 - 200	FUEL FILTER KIT		
1.00	Parts	79017915 - 200	GREASE-14OZ MOLY EP		
4.00	Parts	CH215-9464 - 200	GASKET-X 144-180 X 0		
4.00	Parts	CH1J-9671 - 200	O-RING-10.52MM ID X		
20.00	Parts	3K0360	Seal		
2.00	Parts	501771D1 - 200	ELEMENT		
2.00	Parts	400831X1 - 200	BREATHER VENT-1/4"-1		
3.00	Parts	534039D1 - 200	FILTER ELEMENT		
3.00	Parts	79034867 - 200	OIL-SAE 50 1G		
1.00	Parts	565824D1 - 200	AIR FITR.ELEMENT		
1.00	Parts	V837079423 - 200	DEF FILTER		
1.00	Parts	V837081555 - 200	ENG OIL FILTER		
1.00	Parts	79037130 - 200	COOLANT-EG PM 1G		
1.00	Parts	565825D1 - 200	AIR FITR.ELEMENT		
	Labor		Labor		
60.00	Misc	CT5	CAT MTO OIL GAL	19.14	1,148.40
16.00	Misc	CD6	CAT DE OIL 15W40	22.33	357.28

Parts: 1,238.34 Labor: 3,391.47 Misc: 1,505.68 Segment Subtotal: 6,135.49

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865JHNKG1040	B14497	3,007

SC00211423-026 Replace - Battery - Set (All)

Customer complaint: hard starting

Resultant damage: hard starting

Cause of failure: batteries

Repair process comments: tested the batteries. two were bad and the other 2 were weak. removed and replaced all the batteries. cleaned the cables and installed.

Quantity	Type	Part Number	Description	Unit Price	Amount
4.00	Parts	79018975 - 200	BATTERY-GRP 31	148.65	594.60
	Labor		Labor		

Parts: 594.60 Labor: 151.07 Segment Subtotal: 745.67

Invoice
SI000230926

Date
9/21/2022

Call Number
SC00211423

Location
Fergus Falls

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Subtotal	9,689.70
Shop Supplies and Environmental Fees	243.53
Sales Tax	0.00
Total	\$ 9,933.23
