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SERVICE REPORT

DATE:

04/26/2016

CUSTOMER Ameco		TRIP MILEAGE 4/26/2016		
CONTACT NAME & NO. Jimmy Morse				
ADDRESS 105 Holiday Road, Belton S.C. 29627				
MAKE Grove	MODEL RT 875E	SERIAL NUMBER 226738	HOURS 9681	UNIT NUMBER RS 7514

SERVICE REQUESTED

Customer complaint, A-B fault in computer, cab tilt, low speed swing not working properly. And once when the cab would not go down, none of the crane functions would work.

REPAIRS MADE

Got to the machine and found none of the problems that were reported. The customers mechanic and I spent several hours checking wiring and hydraulics. The A-B fault in the computer is a system fault in the anti-two block system of the SLI. There were no current problems with that. I told their mechanic to extend and retract the length cable if the problem reoccurs. This action would wipe the slip rings and move a short circuit caused by a nick in the outer jacket of the length cable. All of the other problems that were reported are hydraulic problems caused by issues in the auxiliary valve bank. Cab tilt has its own valve but it uses a path in the aux. valve bank to stroke the pump. Checked a few things in the aux. valve but found no problems. Told the customers mechanic that if problems return that he should work each function that goes through that valve, one at a time, and the one that works properly is the one that has the pressure sensing system locked up and that would tell us where to go for parts replacement.

COMMENTS

Stayed with the machine for about 4 hours while the customers crew used the machine for their normal operations and there were no problems while they ran the machine.

PART NUMBER	QNTY	DESCRIPTION	INSTALLED	ORDERED

Tom Akey
TECHNICIAN

CUSTOMER SIGNATURE



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SERVICE REPORT

DATE:

CUSTOMER AMECO		TRIP MILEAGE 8/2/2016	
CONTACT NAME & NO.			
ADDRESS Anderson SC			
MAKE Grove	MODEL 875E	SERIAL NUMBER	UNIT NUMBER 10224 DE7514

SERVICE REQUESTED

The crane had an intermittent two-block problem. The two block system would not shut the hoist and boom functions off if the crane boom was at a steep angle. Troubleshoot problem to bad two block switch at the rooster sheave position. Repalced switch with one from my truck stock and machine two block is now working correctly.

Looked at a/c system and found the condensor is leaking and is completely plugged up and no air is flowing through it. Ordered a new condensor unit and will continue with repairs after new condensor is installed.

REPAIRS MADE

COMMENTS

Used this crane today to take the 650 apart and it seemed that the operator was having trouble with the swing function of this crane.. The customer showed me the two coils that were recently repaced on the accessory valve bank when the crane wouldn't swing at all but it almost seems like the swing pump may be at fault. I will put gages on the swing hydraulics after we work on the a/c.

PART NUMBER	QNTY	DESCRIPTION	INSTALLED	ORDERED

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SERVICE REPORT

DATE:

CUSTOMER Ameco		TRIP MILEAGE 8/9/2016		
CONTACT NAME & NO.				
ADDRESS				
MAKE Grove	MODEL RT875E	SERIAL NUMBER	HOURS 10275	UNIT NUMBER 7514

SERVICE REQUESTED

Removed condensor/fan unit from machine. Replaced condensor and dryer. Installed rebuilt condensor/fan unit back on the machine, Vacuumed a/c system then recharged with coolant. System is now cooling.

REPAIRS MADE

COMMENTS

New tube for dryer to condensor unit did not show up and I told the customer to leave it in the machine and when any work is done to the system, we can replace that tube.

PART NUMBER	QNTY	DESCRIPTION	INSTALLED	ORDERED

Tom Akey
TECHNICIAN

CUSTOMER SIGNATURE



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SERVICE REPORT

DATE:

CUSTOMER Ameco/Bigge		TRIP MILEAGE 10/25/2016		
CONTACT NAME & NO.				
ADDRESS				
MAKE	MODEL	SERIAL NUMBER	HOURS	UNIT NUMBER
Grove	RT 875 E	226738	10389	BE RS 7514

SERVICE REQUESTED

Looked over machine and filled out off rent paperwork.

Set machine up for shipping tomorrow, still have c/w hanging on the rear and will only remove it if necessary for shipping. The cable is spooled up on the drum and the hydraulics are disconnected. There is no customer damage to the machine. I will have to troubleshoot the swing problem and fix it before the next job. Customer reports that the hotter the machine gets, the more throttle it takes to get the machine to swing.

REPAIRS MADE

COMMENTS

PART NUMBER	QNTY	DESCRIPTION	INSTALLED	ORDERED

TECHNICIAN

CUSTOMER SIGNATURE



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SERVICE REPORT

DATE:

CUSTOMER Bigge		TRIP MILEAGE 10/28/2016		
CONTACT NAME & NO.				
ADDRESS				
MAKE	MODEL	SERIAL NUMBER	HOURS	UNIT NUMBER
Grove	RT875E	226738		BE 7415

SERVICE REQUESTED

Got crane in to a place in Charleston, unloaded it and installed the c/w.
Troubleshooting the swing problem and feel that the best thing to do at this point is to replace the "metering" valve in the swing, steer, and accessory valve.
Also need a gage for the battery voltage
Also need a windshield wiper blade for the top window. (tree damage from shipping)
Also need an operators cab door. The door did not make it to Charleston although I am sure it was on the crane when it left The job site

REPAIRS MADE

yesterday. I sent a picture to Rick and have notified the shipping company of the missing door.
I also checked with a local dealer who said two door weldments were available at the factory. Along with the weldments, we will need the glass, the seal, the hardware, the weatherstripping etc. I am waiting for the dealer to send me a parts diagram so I can order all the parts.
I did get the valve cartridge number from cranecare today and we need to order this valve.
The cartridge number is 9926112772 Grove number
I am having trouble identifying parts because there are no parts books for this exact type of crane, an RT880E is very close but it is not exactly the same.

COMMENTS

The crane is currently in a crane companies yard here in Charleston.
The Address is: Parker Marine
68 Braswell St.
Charleston S.C. 29405

PART NUMBER	QNTY	DESCRIPTION	INSTALLED	ORDERED

TECHNICIAN

CUSTOMER SIGNATURE



DATE:

SERVICE REQUESTED

SERVICE REQUESTED
Went to Parker Marines yard (where the crane is) and got permission to power wash the machine. Went to vendor and rented a self contained power washing machine. Went back to Parker Marine and set machine the crane up so I could power wash it.
The power washer quit working while I was washing the machine and I was only able to get the bottom of the machine clean. Closed the crane up and parked it in the designated area. Returned power washer to the vendor and made sure we were not charged for the rental. went to an oil supply vendor and got boom grease and gear oil for tomorrow.

REPAIRS MADE

[illegible]

COMMENTS

COMMENTS

[illegible]

Tom Akey
TECHNICIAN

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SERVICE REPORT

DATE:

CUSTOMER Bigge		TRIP MILEAGE 11/1/2006		
CONTACT NAME & NO.				
ADDRESS				
MAKE	MODEL	SERIAL NUMBER	HOURS	UNIT NUMBER
Grove	RT875E			BE 7514

SERVICE REQUESTED

Set crane up and greased all boom sections. Removed dashboard to replace the voltage gage and found the rpm gage was also broken and it fell apart when the dashboard came out. Took gages to auto parts vendor and tried to buy some gages. Could not buy anything that would work and ordered the gages from Karen. Replaced the non working back up light and it is now ok.

REPAIRS MADE

COMMENTS

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SERVICE REPORT

DATE:

CUSTOMER Bigge		TRIP MILEAGE 11/4/2016		
CONTACT NAME & NO.				
ADDRESS				
MAKE Grove	MODEL RT 875 E	SERIAL NUMBER	HOURS	UNIT NUMBER BE 7514

SERVICE REQUESTED

Set the machine up so I could work on it and the swing function did not work at all. Felt and heard a hydraulic shock as I was engaging the swing handle and the swing function started to work. Replaced the flow divider valve cartridge in the swing/steer circuit and the swing function became more responsive and smoother. Just to be on the safe side, I ordered a new swing brake valve and coil that we can keep just in case the swing function acts up again.

Replaced the tach and the battery gage and then reinstalled the dashboard. The battery gage reads 13.5 volts all the time and does not fluctuate when the throttle is pushed, I don't know if it is really working. The rpm was a different design and I had to figure out the wiring

REPAIRS MADE

to connect it to the new harness plug. Installed the new upper windshield wiper and closed up the crane and parked it.

COMMENTS

PART NUMBER	QNTY	DESCRIPTION	INSTALLED	ORDERED

TECHNICIAN

Tom Akey

CUSTOMER SIGNATURE



DATE:

CUSTOMER			TRIP MILEAGE	
BIGGE			1/3/2017	
CONTACT NAME & NO.				
ADDRESS				
MAKE	MODEL	SERIAL NUMBER	HOURS	UNIT NUMBER
Grove			10409	BE 7514

SERVICE REQUESTED

Installed door on cab. Installed window in door.

REPAIRS MADE

COMMENTS

[illegible]

TECHNICIAN

CUSTOMER SIGNATURE

SERVICE REPORT

Date: 6-6-18

Customer's Name: Zacury

Customer P.O. # _____

Job Location: Beaumont

M/M/T: H+Grove

Hours: 10925

Equipment # Be 7514

Serial # _____

Trip Mileage _____

Describe Defects & Cause of Failure: hoses leaking

Repairs Completed: Replaced hose from valve block to accumulator & hose from valve block to counter weight

Qty	Part Number	Description	Ordered	Installed
<u>2</u>		<u>Hydraulic hoses</u>	<u>/</u>	<u>/</u>

Recommendations: _____

Technician: Kenny Hernandez

Customer Name: Bobule 7204

Customer Signature: _____

Job Complete:

Yes ☐ No ☐

Labor: Reg _____

O.T. _____



14800 Jersey Shore Dr.
Houston, TX 77047
(713) 434-0995

SERVICE REPORT

Date: 6-28-18

Customer's Name: Zachary

Customer P.O. # _____

Job Location: Beaumont

M/M/T: Grove Rt 750 E

Hours: _____

Equipment # Be7514

Serial # _____

Trip Mileage 98 miles away

Describe Defects & Cause of Failure: Operator said telli cylinder was leaking / Retracting

Repairs Completed: Set up crane 100ft Scaled out Boom Angel 60° let operator Run crane for an hour length & Angle still the same crane OK

Qty	Part Number	Description	Ordered	Installed

Recommendations: _____

Technician: [Signature]
Customer Name: [Signature]
Customer Signature: [Signature]

Job Complete:
Yes ☐ No ☐

Labor: Reg _____
O.T. _____



SERVICE REPORT

Date: 7-18-18

Customer's Name: Zachry

Customer P.O. # _____

Job Location: Beaumont

M/M/T: Grave Rt 75

Hours: 11125

Equipment # BE7514

Serial # 226738

Trip Mileage _____

Describe Defects & Cause of Failure: _____

Repairs Completed: 500 HR - PM

Change oil and all filters listed below

1 - 25129				
Qty	Part Number	Description	Ordered	Installed
1	FS 1003	Fuel Water Sep	✓	✓
1	LF 3970	Lube Filter	✓	✓
1	5612 FF	Fuel Filter	✓	✓
1	25130	inner Air		

Recommendations: _____

Technician: Daniel Sukaer

Customer Name: SERG'OTZOL

Customer Signature: [Signature]

Job Complete:

Yes ☒ No ☐

Labor: Reg _____

O.T. _____



SERVICE REPORT

Date: 9-5-18

Customer's Name: Bigge

Customer P.O. # _____

Job Location: Houston

M/M/T: Grove

Hours: 11,206

Equipment # BE 7514

Serial # 226738

Trip Mileage _____

Describe Defects & Cause of Failure: _____

Repairs Completed: replaced upper wiper motor, and wiper fluid canister, replaced fuse to cab fan, replaced bad fuel gauge, topped off hyd. oil, replaced coolant, checked all other fluids good, replaced fire ext., replaced horn button on steering wheel, cleaned off transducer box was just grease from rotex, found no cable damages, resealed center pump, changed out bad hoses, put bolts & screws in hood cover, put new seals on rocker box, valve cover, oil cooler & coolant line, put two new injectors in engine, replaced oil filter lines & fittings, cleaned & checked batt. & alt., Blow dirt, put crane on wash line, installed override key, replaced leaking steering cylinders, fixed sunshade

Qty	Part Number	Description	Ordered	Installed

Recommendations: _____

Technician: Travis V.

Customer Name: _____

Customer Signature: _____

Job Complete:

Yes ☒ No ☐

Labor: Reg _____

O.T. _____