

ALTORFER

8400 6th St. SW
Cedar Rapids, IA 52404
319-365-0551
www.altorfer.com

A01-21

ORIGINAL INVOICE

INVOICE NUMBER WO100232179
Invoice Date 09/10/2024
Total Due \$ 675.73

Terms	NET 30
Make	AA
Model	323-07
Serial #	*CAT00323VRAZ20098*
Machine ID	202N015
Equipment #	202N015
Meter Reading	2814.0
Document #	CC52171

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ALTORFER INC.
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VIETH CONSTRUCTION CORP
6419 NORDIC DR
CEDAR FALLS IA 50613-6338

Ship To:

CEDAR RAPIDS
217 COLLINS RD NE

323

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Customer #	Customer PO #	Doc Date	Sales Representative	Division	Store	Account Status
660885	323-07	09/03/2024	P01	G	10	2

SUSPECTED COMPONENT: 5051-HYDRAULIC CONTROL VALVE

MAJOR SYMPTOM: ADJUSTMENT

MINOR SYMPTOM: IMPROPER ADJUSTMENT

CUSTOMER COMPLAINT: - NEED TO ADJ FLOWS FOR H115
HAMMER

TROUBLESHOOT HYDRAULIC CONTROL VALVE

CUSTOMER COMPLAINTHAMMER NOT RUNNING CORRECTLY

CAUSE OF FAILURE

MACHINE NOT CONFIGURED FOR H115S HAMMER, SO
INCORRECT FLOW AND PRESSURES BEING SENT TO
ATTACHMENT

CORRECTION

CUSTOMER STATES THE HAMMER RUNS 10 SECONDS AND
QUITS. VERIFIED COMPLAINT. WENT INTO MONITOR
AND FOUND NO CORRECT CONFIGURATION FOR HAMMER.
CHANGED HAMMER IN THE MONITOR TO CORRECT FLOW OF
34GPM AND HAMMER SPEC OF 2175PSI. THE HAMMER
WOULD RUN AND SHUT OFF STILL. ADJUSTED THE RELIEF
PRESSURE TO 3300PSI SO THE INITIAL START UP OF
HAMMER WOULD NOT OPEN RELIEF VALVE BUT HAMMER**TOTAL AMOUNT DUE****Cont'd**

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OPERATION WAS STILL RUNNING AROUND 2200PSI. THE HAMMER IS RUNNING CORRECTLY PER SIS SPEC. THE MACHINE HAS A 15 SECOND WARNING AND A 30 SECOND SHUT DOWN IF HAMMER OPERATION IS CONTINUOUS. AFTER GETTING MACHINE VERY HOT THE HAMMER WOULD STILL NOT MAKE THE 30 SECOND SHUT DOWN EVERY TIME. CUSTOMER ALSO SAID HAMMER WAS SLOW, TURNING UP FLOW WOULD INCREASE HAMMER SPEED BUT IS OVER SPEC. ADVISED CUSTOMER NOT TO GO OVER THE SPEED. CUSTOMER STILL NOT HAPPY WITH OPERATION OF HAMMER. PRESSURE AND FLOW IS SET CORRECTLY VIA THE MACHINE. CUSTOMER THINKS MACHINE HAS ISSUES. THEY HAVE A 320 ON SITE THEY WERE GOING TO SWAP HAMMER OVER TO AND SEE HOW IT RUNS. I THINK THE ISSUES FOR OPERATION ARE IN THE HAMMER. THE WARMER THE OIL THE LESS RUN TIME OUT OF THE HAMMER.

9/6/24

STILL HAVE NOT HEARD BACK FROM CUSTOMER AS TO WHETHER HAMMER IS RUNNING CORRECTLY OR INTERNAL HAMMER DAMAGE HAS OCCURRED FROM RUNNING TO HIGH OF OPERATING PRESSURE AND FLOW.

9/9/24

CUSTOMER CALLED. THEY SHUT THE AUTO SHUT OFF 30 SECOND TIMER OFF FOR HAMMER AND SAY HAMMER IS RUNNING CORRECTLY.

CONTINGENT DAMAGE IF ANY

COMPLICATIONS IF ANY

FIELD LABOR

2.50 RT HOURS

46010

467.50

TOTAL LABOR

SEG. 01

467.50 *

TOTAL AMOUNT DUE**Cont'd**

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