Date: 3/26/04

Sold To	Ship To
ADAIR COUNTY PO BOX 196 GREENFIELD IA 50849-0196	

Invoice Information

WO Number:	WA63334	Make:	CATERPILLAR
WO Date:	3/09/04	Model:	140G
Store:	DES MOINES	Serial:	072V11990
Payment Terms:	CHARGE	PIN:	
P/O Number:		Id No:	
Ship Via:		Cust Unit:	22
Invoice Type:	101010	Meter:	.0

Invoice Summary

Parts:	571.36
Labor:	683.75
Misc:	161.79
Repair Option:	.00
Taxes:	.00
Invoice Total:	1,416.90

Amount Due: $1,416.90

DUE BY 10TH OF THE NEXT MONTH

A service charge of 1 ½% per month will be assessed on all past due accounts.

To ensure proper credit, please detach this portion and return with remittance.

ADAIR COUNTY
PO BOX 196
GREENFIELD IA 50849-0196

#22

Account Number:
Invoice Number:
Invoice Date:

Amount Due: $1,416.90

Amount Enclosed:

Quantity	Item	N/R	Description	Unit Price	Extended

MACHINE/GRIND/MILL CUTTER MOLDBOARD
SET BRACKETS ON MILL, DIALED IN, BORED ROD HOLE TO 2.247 DIAMETER X 4" LONG. INSTALLED TWO BEARINGS AND DRILLED A 1/8"-27 GREASE FITTING HOLE ON BACK SIDE OF BRACKETS. WELDED A PROTECTIVE COVER IN CENTER OF GREASE HOLE AND INSTALLED GREASE FITTING.//
SET UP ON BORES, BOTH BORES WERE OUT OF ROUND AND LOOSE. ROUGH CUT THE MATERIAL OUT, FINISHED CUT BORES TO A .003" PRESS FIT ON NEW BEARING. GROUND OFF WELDS, PRESSED IN NEW BEARINGS. SIX MONTHS OR 500 HOUR WARRANTY ON NEW PARTS AND WORKMANSHIP.

Quantity	Item	Description	N/R	Unit Price	Extended
1	6G-2947	SHAFT	S	374.38	374.38
4	6Y-0944	SLEEVE BRG	N	18.79	75.16
2	104-8655	BRG SLV	S	60.91	121.82

TOTAL PARTS	SEG. M	571.36 *
TOTAL LABOR	SEG. M	683.75 *
SEGMENT M TOTAL		1255.11 T

TRAVEL TO/FROM
58.00

TRAVEL MILEAGE		127.60
TOTAL MISC CHGS	SEG. 98	127.60 *
SEGMENT 98 TOTAL		127.60 T

SERVICE SUPPLIES AND ENVIRONMENTAL CHARGES 34.19 T

* * * INVOICE COPY * * *
DUE BY 10TH OF THE NEXT MONTH

INVOICE TOTAL 1,416.90

#22

Date: 2/27/01

Sold To

ADAIR COUNTY
PO BOX 196
GREENFIELD IA 50849-0196

Ship To

Invoice Information

WO Number:	WA46735
WO Date:	12/19/00
Store:	DES MOINES
Payment Terms:	CHARGE
P/O Number:	
Ship Via:	
Invoice Type:	101010

Make:	CATERPILLAR
Model:	140G
Serial:	072V11990
Id No:	
Cust Unit:	22
Meter:	1540.0

Invoice Summary

Parts:	.00
Labor:	.00
Misc:	.00
Repair Option:	.00
Taxes:	.00
Invoice Total:	.00

Amount Due: $.00

Balance is due by the 10th of the following month.
A service charge of 1½ % per month will be assessed on all past due accounts.

5-2-01

Quantity	Item	N/R	Description	Unit Price	Extended

CLEAN (USE CL_ CHARGE CD) MACHINE
STEAM CLEANED MACHINE - CAB BACK. SOAP WASHED
AND RINSED.

		TOTAL LABOR	SEG. B		109.50 *
		LESS 100%-LABOR			109.50-*
		SEGMENT B TOTAL			.00 T

TEST/CHECK, ADJUST POWER SHIFT TRANSMISSION
12/19/00 TEST/CHECK/ADJUST TRANSMISSION. CLUTCH
PRESSURE WAS 245 PSI & STILL SLIPPING. CUSTOMER
TO BRING MACHINE INTO DM SHOP FOR REPAIR.

Quantity	Item	Description	N/R	Unit Price	Extended
1	8W-0128	HOSE A	S5	47.44	47.44
		TOTAL PARTS	SEG. T		47.44 *
		LESS 100%-PARTS			47.44-*
		TOTAL LABOR	SEG. T		426.00 *
		LESS 100%-LABOR			426.00-*
25.00		CAT TRCT.OIL 30W			166.25
		TOTAL MISC CHGS	SEG. T		166.25 *
		LESS 100%-MISC			166.25-*
		SEGMENT T TOTAL			.00 T

REMOVE & INSTALL POWER SHIFT TRANSMISSION
OPERATION & FLUID LEVELS - NO LEAKS. CHECKED
MODULATION PSI WAS 260 & WITH PEDAL DOWN DROPPED
TO 2000 PSI, CHECKED MODULATION PEDAL CABLE
ADJUSTMENT & IT WAS OKAY. READJUSTED PEDAL STOP,
WITH PEDAL DOWN PRESSURE IS ZERO & MACHINE DOES
NOT MOVE, INSTALLED TINWARE & REAR POST FOR WING.

Quantity	Item	Description	N/R	Unit Price	Extended
1	4K-1540	PIN	S5	.69	.69
12	5P-1265	CM-HOSE STK	S5	.43	5.16
1	7M-4702	VEE BELT SET	S5	51.15	51.15
4	8K-1077	SHIM	S5	1.64	6.56
2	8T-9378	BOLT	S5	.70	1.40
1	032-1464	CAP	S5	7.97	7.97 -
		TOTAL PARTS	SEG. T1		72.93 *
		LESS 100%-PARTS			72.93-*
		TOTAL LABOR	SEG. T1		2510.75 *
		LESS 100%-LABOR			2510.75-*
		SEGMENT T1 TOTAL			.00 T

REPAIR POWER SHIFT TRANSMISSION
DISASSEMBLED TRANSMISSION AND CLEANED. BEARINGS
WERE ALL REUSEABLE. PISTON SEALS HAD DEBRIS
DAMAGE. ALL SEALS AND O RINGS WERE REPLACED.
DISASSEMBLED VALVING. POLISHED AND REASSEMBLED
USING NEW O RINGS. DISASSEMBLED DIRECTIONAL

Quantity	Item	N/R	Description		Unit Price	Extended
	CLUTCHES. REPLACED DISCS AND PLATES WITH NEW REVERSE CLUTCH PACK. BOTH DIRECTIONAL PACKS AIR CHECKED (GOOD). PLANETARY, TRANSMISSION WAS DISASSEMBLED AND CLEANED. PLANET SHAFTS HAD PLUGS REMOVED AND DEBRIS CLEANED FROM INNER BORES. TRANSMISSION PLANETARY WAS RESTACKED AND AIR CHECKED (GOOD). CLEANED PUMP AND LINES. REASSEMBLED DIRECTIONAL AND INPUT SHAFT. END PLAYS SET BETWEEN .004 AND .005. TRANSMISSION WAS TESTED. MOUNTED DIFFERENTIALL ON TRANSMISSION AND COMPLETELY ASSEMBLED.					
1	1P-9252		RING	S5	2.07	2.07
1	1R-0719		FILTER A	S5	8.83	8.83
4	1T-0234		RING	S5	2.42	9.68
9	2A-3746		PLUG	S5	.94	8.46
1	3D-4245		SEAL-O-R	S5	.70	.70
1	3K-1432		RING	S5	2.81	2.81
6	3P-0337		PLATE	S5	17.41	104.46
3	3S-0036		PLUG	S5	1.16	3.48
9	3S-2708		PIN	S5	2.40	21.60
8	3S-8109		PIN	S5	2.08	16.64
1	4F-7952		SEAL	S5	1.12	1.12
1	4F-8946		SEAL	S5	.88	.88
2	5F-8916		LOCK	S5	1.26	2.52
6	6Y-7981		DISC	S5	26.04	156.24
1	7F-8268		SEAL O R	S5	1.44	1.44
1	7S-4571		SEAL-O-R	S5	5.70	5.70
1	8M-4990		SEAL O R	S5	1.71	1.71
1	8T-9571		TRN 30W 1 GAL	S5	7.60	7.60
1	163-7284		GASKET KIT	S5	506.63	506.63
			TOTAL PARTS	SEG. T2		862.57 *
			LESS 100%-PARTS			862.57-*
			TOTAL LABOR	SEG. T2		2971.75 *
			LESS 100%-LABOR			2971.75-*
1.00			CARB CLEANER			1.00
			TOTAL MISC CHGS	SEG. T2		1.00 *
			LESS 100%-MISC			1.00-*
			SEGMENT T2 TOTAL			.00 T

TRAVEL TO/FROM			
113.00	TRAVEL MILEAGE		169.50
	TOTAL MISC CHGS	SEG. 99	169.50 *
	LESS 100%-MISC		169.50-*
	SEGMENT 99 TOTAL		.00 T

INVOICE TOTAL .00

Quantity	Item	N/R	Description		Unit Price	Extended
1	8S-9129		FILTER	S	10.25	10.25
1	8S-9130		SCREEN	S	8.88	8.88
			TOTAL PARTS	SEG. T	Parts	19.13 *
			TOTAL LABOR	SEG. T	Labor	224.00 *
1.00			OIL SAMPLE			11.00
			TOTAL MISC CHGS	SEG. T	Parts	11.00 *
			SEGMENT T TOTAL			254.13 T

REMOVE & INSTALL TRANS & DIFFERENTIAL UNIT
REMOVED TINWARE & CLEANED MACHINE, REMOVED HARNOSE & FUEL TANK, INSTALLED MOUNTING BLOCKS FOR ENGINE, REMOVED BOLTS & NUTS MOUNTING TRANS. TO FLYWHEEL HOUSING & DIFF. CASE, REMOVED TRANS. FOR COMPONENTS TO REPAIR, THEN REINSTALLED TRANS., FUEL TANK & HARDNOSE, HOOKED UP ALL LINES, CHECKED & ADJUSTED CABLES & MODULATION PRESSURES.

Quantity	Item	Description	N/R		Unit Price	Extended
2	1P-8116	SEAL-O-RING	S5		.40	.80
1	1R-0719	FILTER A	S5		8.83	8.83
2	2G-9791	GASKET	S5		7.48	14.96
1	2S-8439	SEAL O RING	S5		2.90	2.90
3	3D-2992	SEAL-O-RING	S5		.71	2.13
8	5P-0598	CLAMP	S5		2.76	22.08
11	5P-1262	CM-HOSE STK	S5		.51	5.61
13	5P-1265	CM-HOSE STK	S5		.43	5.59
1	8D-5287	CABLE	S5		62.91	62.91
2	8S-4950	CAP	S5		1.56	3.12
1	9D-0699	GASKET	S5		2.01	2.01
2	9S-8927	FITTING	S5		2.03	4.06
2	9X-0023	SWITCH A	S5		26.36	52.72
		TOTAL PARTS		SEG. T1	Parts	187.72 *
				F/R LBR	Labor	2250.00 *
		SEGMENT T1 TOTAL				2437.72 T

REBEARING & RESEAL POWER SHIFT TRANSMISSION
DISASSEMBLED TRANSMISSION AND INPECTED FOR DAMAGE. CLEANED UP ALL PARTS AND ASSEMBLED TRANSMISSION AND PUMP WITH NEW BEARINGS AND SEALS. SET DIRECTIONAL END PLAYS TO .004" AND INPUT TO .005" SPEC IS .002 TO .006. POLISHED SPOOLS IN VALVING AND TESTED AT 700 AND 2200RPMS. INSTALLED DIFFERENTIAL TO TRANSMISSION, AND INSTALLED BRAKE CHAMBER. TORQUED ALL FASTNERS TO SPEC.

Quantity	Item	Description	N/R		Extended
				F/R ALL	4290.00 *
1	1R-0719	FILTER A	S5		
1	2P-4511	RING-SEAL	S5		
1	3B-4617	COTTER P	S5		
2	3D-2824	SEAL O RING	S5		
5	3D-4245	SEAL-O-R	S5		
2	3J-1907	SEAL	S5		
2	3P-6599	RING	N5		
1	4F-7952	SEAL	S5		
1	4K-1540	PIN	S5		
1	5K-0292	ROD-END	S5		
1	6F-6673	SEAL	S5		
8	8M-4389	SEAL	S5		

Quantity	Item	N/R	Description	Unit Price	Extended

CLEAN (USE CL_ CHARGE CD) MACHINE

TOTAL LABOR SEG. B 272.00 *

SEGMENT B TOTAL Labor 272.00 T

REBEARING & RESEAL DIFFERENTIAL
DISASSEMBLED DIFFERENTIAL AND INSPECTED PARTS. FOUND NO BAD HARD PARTS. CLEANED UP DIFFERENTIAL PARTS AND ASSEMBLED. INSTALLED NEW BEARINGS AND SEALS, TORQUED ALL FASTNERS TO SPEC. SET PINION PRELOAD TO 15 INCH LBS ROLLING TORQUE, BACKLASH WITHIN SPEC OF .008 +- .002 AT FOUR DIFFERENTIAL SPOTS, AND SIDE PRELOAD IS AT .005.

F/R ALL 2000.00 *

Quantity	Item	Description		Unit Price	Extended
1	1P-2636	CUP	S		
1	1P-2662	CONE	S		
1	1P-2696	CONE	S		
1	1P-2697	CUP	S		
1	2A-3398	GASKET	S		
1	2H-3911	SEAL	S		
1	2S-1914	SEAL	S		
1	2S-8439	SEAL O RING	S		
1	4D-1577	SEAL O RING	S		
1	4F-7952	SEAL	S		
1	4F-8946	SEAL	S		
1	5P-5813	NUT	S		
2	6G-6274	RING-SEAL	S		
1	7D-8225	SEAL	S		
1	7D-8226	SEAL	S		
1	7D-8348	CUP	S		
1	7D-8349	CONE	S		
1	7F-8268	SEAL O R	S		
1	7S-4571	SEAL-O-R	S		
2	8D-4064	WASHER	S		
4	8D-4065	WASHER	S		
2	8M-4438	SEAL O R	S		
1	9B-0143	LOCK	S		
1	9D-8799	RING	S		
1	9S-3263	COMPOUND HZ	S		
1	030-0060	CUP	S		
1	030-0061	CONE A	S		
4	174-6822	BEARING	S		

SEGMENT K TOTAL Parts 2000.00 T

REMOVE SNOW WING
DISCONNECTED HYD. VALVE AT REAR BRACE, REMOVED REAR BRACE FROM MACHINE, FOR NEEDED REPAIRS TO THE MACHINE, THEN REINSTALLED BRACE & HOOKED UP HYD. VALVE.

TOTAL LABOR SEG. M 192.00 *

SEGMENT M TOTAL Labor 192.00 T

TEST/CHECK, ADJUST TRANSMISSION
CHECKED OPERATION & THROUGH GEARS, PULLED SCREENS & INSPECTED, TOOK PRESSURES ON TRANSMISSION & DETERMINED TRANS. HAD TO BE PULLED.

Date: 11/17/00 Page: 4

Quantity	Item	N/R	Description		Unit Price	Extended
1	116-9904		BRG KIT-TX	S5		
1	163-7284		GASKET KIT	S5		
			SEGMENT T2 TOTAL		Parts	4290.00 T
ORDER PARTS POWER SHIFT TRANSMISSION						
12	3P-0337		PLATE	S5	17.41	208.92
1	6Y-0303		CAGE A	S5	90.81	90.81
12	6Y-7981		DISC	S5	26.04	312.48
1	8P-5959		GEAR	S5	139.28	139.28
1	9P-4857		CARRIER	S5	10.53	10.53
1	126-7130		SHAFT A.	S5	423.08	423.08
			TOTAL PARTS	SEG. T3		1185.10 *
			SEGMENT T3 TOTAL		Parts	1185.10 T
			SERVICE SUPPLIES AND ENVIRONMENTAL CHARGES		Labor	263.68 T
				INVOICE TOTAL		10,894.63

#22

Parts
7692.95

Labor
3201.68

10,894.63

Date: 11/17/00

Page: 1

Sold To

ADAIR COUNTY
PO BOX 196
GREENFIELD IA 50849-0196

Ship To

Invoice Information

WO Number: WA45900
WO Date: 10/16/00

Store: DES MOINES
Payment Terms: CHARGE
P/O Number:
Ship Via:
Invoice Type: 101010

#22

Pd
11-29-00

Make: CATERPILLAR
Model: 140G
Serial: 072V11990

Id No:
Cust Unit: 22

Meter: 1432.0

Invoice Summary

Parts:	1,391.95
Labor:	688.00
Misc:	274.68
Repair Option:	8,540.00
Taxes:	.00
Invoice Total:	10,894.63

Amount Due: $10,894.63

Balance is due by the 10th of the following month.
A service charge of 1½ % per month will be assessed on all past due accounts.

To ensure proper credit, please detach this portion and return with remittance.

ADAIR COUNTY
PO BOX 196
GREENFIELD IA 50849-0196

Account Number:
Invoice Number:
Invoice Date:

Scott Lenz
rebuilt

Please Remit To:

ZIEGLER INC.
SDS 12-0436
PO BOX 86
MINNEAPOLIS, MN 55486-0436

Amount Due: $10,894.63

Amount Enclosed:

Customer Name: Adair County

Customer Number: 0111200

Date: 10-20-00

Service Meter Reading: ____

Customer Point of Contact: ____

Customer Contact Phone #: ____

Model: 140G

Serial #: 72V11990

Equip. #: ____

Ziegler Transmission Repair Option	Labor Cost	Parts Estimate	Total
Rebearing and Reseal Transmission			$4,290.00
Before failure overhaul Transmission			$6,220.00
Suggested additional damaged parts			$1,685.10
Rebearing and reseal Differential			$2,000.00
Remove and install Differential			$150.00

FEATURES/BENEFITS

- Guaranteed price.*
- Reduced cost by repairing before failure.
- Reduced downtime by scheduling repairs.
- Rebuilt and tested to factory specifications.
- Restores like-new performance.
- 2-yr 2,000 hour warranty.**

INDICATORS

- Scheduled Oil Sampling indicates abnormal wear.
- Overheating.
- Clutch slippage.
- Delayed shifts.
- High machine hours.

INCLUDED IN BEFORE-FAILURE OVERHAUL

- Disassembly and assembly of transmission.
- Cleaning and inspection of all parts using Caterpillar specifications.
- Replace all bearings, seals, gaskets and locks.
- Replace clutch discs, plates, pistons and housings as required.
- Pump inspection and rebearing/reseal when pump is mounted on transmission/torque converter.
- Transmission test bench check and adjustment.

AVAILABLE AT ADDITIONAL COST

- Clean and flush if system is contaminated.**
- Replacement or repair of any part not listed.
- Pump repair when not mounted on transmission/torque converter.
- Removal and installation.
- Product improvement updates.
- Scheduled Oil Sampling.**

** Transmission cannot be unassembled.*

** To qualify for guaranteed price, transmission must be operable, no unusual noise or vibration, no excessive amount (size) of material in filter or screen.*

*** To validate warranty, complete oil system must be cleaned and flushed prior to installation of rebuilt transmission/torque converter and an oil sample taken after ten hours of operation and every 500 hours.*

Estimate is valid for 30 days from this date
All estimates may vary + / - 10%, not including shipping, tax, or misc charges

Contact Name ____ Contact Phone # ____

Date: 9/23/00 Page: 2

Quantity	Item	N/R	Description	Unit Price	Extended

REPAIR POWER SHIFT TRANSMISSION
SLIPPING
9/15/00 REPAIR POWER SHIFT TRANSMAISSION-SLIPS
WHEN COLD. TOOK PRESSURES COLD PUMP PRESSURE
300 PSI LOW IDLE , HIGH IDLE 320 PSI. P1 PRESSURE
LOW IDLE 280 PSI HIGH IDLE 300 PSI. P2 LOW IDLE
220 PSI HIGH IDLE, 230 PSI. TOK PRESSURES HOT PUMP
PRESSURE LOW IDLE 320 HIGH IDLE, 340 P1 PRESSURE
LOW IDLE 320 PSI. HIGH IDLE 340 PSI. P2 PRESSURE
LOW IDLE 260 PSI, HIGH IDLE 280 PSI. ALL PRESSURES
HOT WERE RIGHT AT SPEC.

TOTAL LABOR SEG. T 332.75 *

SEGMENT T TOTAL 332.75 T

TRAVEL TO/FROM
138.00 TRAVEL MILEAGE 207.00

TOTAL MISC CHGS SEG. 99 207.00 *

SEGMENT 99 TOTAL 207.00 T

SERVICE SUPPLIES AND
ENVIRONMENTAL CHARGES 13.31 T

INVOICE TOTAL 553.06

#22
6230 labor
9-1-00

000
0·00 *

332·75*+
207·00 +
13·31 +
003
553·06 *

Date: 9/23/00

Sold To

ADAIR COUNTY
PO BOX 196
GREENFIELD IA 50849-0196

Ship To

Invoice Information

WO Number: WA45247
WO Date: 9/06/00

Store: DES MOINES
Payment Terms: CHARGE
P/O Number:
Ship Via:
Invoice Type: 101010

Make: CATERPILLAR
Model: 140G
Serial: 072V11990

Id No:
Cust Unit: 22

Meter: 1380.0

Invoice Summary

Parts:	.00
Labor:	332.75
Misc:	220.31
Repair Option:	.00
Taxes:	.00
Invoice Total:	553.06

Pd 11-1-00

Amount Due: $553.06

Balance is due by the 10th of the following month.
A service charge of 1½ % per month will be assessed on all past due accounts.

To ensure proper credit, please detach this portion and return with remittance.

ADAIR COUNTY
PO BOX 196
GREENFIELD IA 50849-0196

Account Number:
Invoice Number:
Invoice Date:

Please Remit To:

Amount Due: $553.06