

Lot 5700

ZIEGLER CAT901 West 94th Street
Minneapolis MN 55420-4236**MINNESOTA
IOWA
MISSOURI
WISCONSIN**952-888-4121 800-352-2812
515-957-3800 800-342-7002
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515-957-3800 800-342-7002

. / /

Sold To: [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

Invoice Number: [REDACTED]

Page: 1

Date: 9/04/15

Account No.: [REDACTED]

Ship To:

Invoice InformationWO Number: WP73409
WO Date: 7/15/15

Store: MARSHALL MN
Payment Terms: CASH
P/O Number:
Ship Via:
Invoice Type: 101010Make: CATERPILLAR
Model: D6H
Serial: 08YC00387
PIN:
Id No:
Cust Unit:

Meter: 13.0**Invoice Summary**Parts: 18,017.78
Labor: 6,477.00
Misc: 1,980.89
Taxes: 1,474.90

Amount Due: \$27,950.57

Invoice Total: 27,950.57

DUE BY 10TH OF THE NEXT MONTH

A service charge of 1 1/2 % per month will be assessed on all past due accounts.

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

Account Number: C000004
Invoice Number: SW040081428
Invoice Date: 9/04/15**INVOICE COPY**

Please remit to:

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

Amount Due:

\$27,950.57

Amount Enclosed:



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Quantity	Item	N/R	Description	Unit Price	Extended
REMOVE & INSTALL TRACK ASSEMBLY					
CUSTOMER COMPLAINT:					
REMOVE TRACK FOR ROLLER FRAME REPAIR					
REPAIR PROCESS COMMENTS:					
RAISE MACHINE, DE TENSION TRACK, REMOVE BOLTS AND TRACK PAD, REMOVE TRACK, INSTALLED TRACK ON MACHINE, REPLACE BOLTS AND INSTALL TRACK PAD, TORQUE MASTER LINK 350 FT LBS + 1/3 TURN, TENSION TRACK, LOWER MACHINE, ADJUST TRACK TENSION TO 4.5 IN SAG WITHIN SPEC					
4	9S-1838		BOLT-TRACK	S 4.10	16.40
			TOTAL PARTS	SEG. 01	16.40 *
			TOTAL LABOR	SEG. 01	918.00 *
			SEGMENT 01 TOTAL		934.40 T

REMOVE & INSTALL TRACK ROLLER FRAME					
CUSTOMER COMPLAINT:					
REMOVE ROLLER FRAME FOR REPAIR					
REPAIR PROCESS COMMENTS:					
LIFT ROLLER FRAME FROM TRACTOR FRAME, ROLLER FRAME WASN'T CONNECTED TO FRAME OF TRACTOR, SENT ROLLER FRAME TO MACHINE SHOP FOR REPAIR, INSTALLED ROLLER FRAME ONTO PIVOT SHAFT AND CONNECTED EQUALIZER BAR TO SADDLE WITH NEW PIN, INSTALLED SEALS AND TORQUED PLATE TO 95 FT LBS ON PIVOT SHAFT, INSTALLED COVER, FILLED PIVOT RESERVOIR WITH 30 W OIL					
1	5H-6734		SEAL-O-RING	S 4.78	4.78
1	30533		BLUE RTV	S 23.23	23.23
			TOTAL PARTS	SEG. 02	28.01 *
			TOTAL LABOR	SEG. 02	648.00 *
			SEGMENT 02 TOTAL		676.01 T

REMOVE & INSTALL ROLLER FRAME PIVOT SHAFT					
CUSTOMER COMPLAINT:					
PIVOT SHAFT WORN					
CAUSE OF FAILURE:					
NO OIL IN RESERVOIR					
RESULTANT DAMAGE:					
WORN PIVOT SHAFT					
REPAIR PROCESS COMMENTS:					
REMOVED WORN PIVOT SHAFT, INSTALLED NEW PIVOT SHAFT					
8	7B-3235		CAP SCREW	S .76	6.08
1	8E-1900		WASHER	N 19.44	19.44
1	9G-9079		SEAL	N 19.31	19.31
1	9M-3786		SEAL O RING	S 6.06	6.06
			TOTAL PARTS	SEG. 03	50.89 *
			TOTAL LABOR	SEG. 03	324.00 *
			SEGMENT 03 TOTAL		374.89 T

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Quantity	Item	N/R	Description	Unit Price	Extended

REPLACE EQUALIZER BAR					
CUSTOMER COMPLAINT:					
CRACKED EQUALIZER BAR					
CAUSE OF FAILURE:					
FAILED PIN					
RESULTANT DAMAGE:					
CRACKED EQUALIZER BAR					
REPAIR PROCESS COMMENTS:					
REMOVE PINS FROM TRACTOR FRAME AND LEFT/RIGHT SIDE					
ROLLER FRAME, REMOVE CRACKED EQUALIZER BAR,					
INSTALL NEW EQUALIZER BAR AND NEW PINS ON TRACTOR					
FRAME AND BOTH ROLLER FRAMES, GREASED					
2	295-5676		PIN AS-CLA	N 73.01	146.02
1	325-6132		PIN AS-CLA	N 89.95	89.95
1	8G8977U		EQUALIZER BAR	N 3500.00	3500.00
TOTAL PARTS					3735.97 *
TOTAL LABOR					486.00 *
1.00			FRT		80.08
TOTAL MISC CHGS					80.08 *
SEGMENT 04 TOTAL					4302.05 T

REMOVE & INSTALL FINAL DRIVE					
CUSTOMER COMPLAINT:					
PIECE OF HUB BROKE OFF					
CAUSE OF FAILURE:					
TRACK SLID OFF PIVOT SHAFT					
RESULTANT DAMAGE:					
BROKEN HUB					
REPAIR PROCESS COMMENTS:					
REMOVE COVER AND AXLE SHAFT, UNBOLT AND LIFT					
BROKEN FINAL DRIVE FROM TRACTOR FRAME, INSTALL					
NEW FINAL DRIVE, BOLT TO TRACTOR FRAME TORQUED					
360 FT LBS, INSTALL AXLE SHAFT AND COVER, FILL					
WITH 30 W OIL					
1	2R-0098		SEAL O RING	S 10.89	10.89
1	3W6494	211510	FINAL	N 12500.00	12500.00
TOTAL PARTS					12510.89 *
TOTAL LABOR					432.00 *
2.00			CAT HYDO ADV 10W		37.10
6.60			CAT TDTO TO4 30W		119.46
TOTAL MISC CHGS					156.56 *
SEGMENT 05 TOTAL					13099.45 T

REMOVE & INSTALL SPROCKET SEGMENT					
CUSTOMER COMPLAINT:					
CRACKED SPROCKET					
CAUSE OF FAILURE:					
TRACK JUMPED OFF FINAL DRIVE					
RESULTANT DAMAGE:					
REPLACE SPROCKET					
REPAIR PROCESS COMMENTS:					
REMOVE OLD SPROCKETS FROM BROKEN FINAL DRIVE,					
INSTALLED SPROCKETS AND REPLACED BOLTS ONTO NEW					
FINAL DRIVE, REPLACED ONE SPROCKET, TORQUED TO					

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250 FT LBS					
25	2S-5658		WASHER	S5 .65	16.25
25	6V-0937		BOLT	S5 1.25	31.25
25	7H-3607		NUT	S5 .95	23.75
1	398-0972		SEGMENT-SPRO	N5 50.62	50.62
			TOTAL PARTS	SEG. 06	121.87 *
			TOTAL LABOR	SEG. 06	486.00 *
			SEGMENT 06 TOTAL		607.87 T

1	1R-0741		REPLACE TRANSMISSION OIL FILTER ELEMENT AS-H	S5 16.32	16.32
			TOTAL PARTS	SEG. 07	16.32 *
7.00			TOTAL LABOR	SEG. 07	108.00 *
			CAT DEO CJ 10W30		94.85
			TOTAL MISC CHGS	SEG. 07	94.85 *
			SEGMENT 07 TOTAL		219.17 T

PERFORM MAINTENANCE ON LEVEL-1 PM ZIEGLER'S SITE ***** PREVENTIVE MAINTENANCE SERVICE *****					
* YOUR MACHINE MAINTENANCE WAS COMPLETED USING OUR CUSTOMIZED INSPECTION CHECK LIST. THIS SERVICE INCLUDES THE LABOR, PARTS, FLUIDS AND OIL SAMPLES.					
1	1R-1807		LUBE FILTER	S	
			F/R ALL		485.10 *
			SEGMENT 08 TOTAL		485.10 T

MACHINE/GRIND/MILL TRACK ROLLER FRAME B RESULTANT DAMAGE: SADDLE BORES WORN 1/8 OVER. PIVOT SHAFT BORES WORN THRU BEARINGTS AND WAY INTO BEARING BORES. SHOULDER FACES BADOR GONE. SEAL BORES WORN WAY OVERSIZE. REPAIR PROCESS COMMENTS: CENTER RING BORES IN LEAST WORN AREAS. FILL AND BORE WELD 6 BORE SURFACES. USE BEST SHOULDER FOR A WHITNESS AND WELD REMAINING SHOULDERS. MACHINE LARGE END TOO 8.986 AND 7.347. MACHINE SHOULDERS TO SPECS. MACHINE SMALL END BORES TO 6.181 AND 5.984 MACHINE ALL CHAMPERS TO SPECS. BEARINGS TO BEARING SHOULDERS TO 12.661. TEAR DOWN AND PULL BEARINGS. BORE WELD AND MACHINE EQ BORES TO FIT PIN.					
1	8G-4187		PIN A	N 185.54	185.54
1-	8G-4187		PIN A	N 185.54	185.54-
1	9G-9083		BEARING	N 54.50	54.50
1	9G-9084		BEARING	N 47.44	47.44
			TOTAL PARTS	SEG. 70	101.94 *
			F/R LBR		2500.00 *



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SEGMENT 70 TOTAL					2601.94 T

MACHINE/GRIND/MILL ROLLER FRAME PIVOT SHAFT					
REPAIR PIVOT SHAFT					
REPAIR PROCESS COMMENTS:					
-CUSTOMERS PIVOT SHAFT NO GOOD (SERVERLY WORN AND					
BROKEN BOLTS)					
-ORDER DIFFERENT ONE FROM GENERAL TRACTOR					
-CLEAN UP AND MIC PIVOT SHAFT (GOOD)					
-HEAT AND INSTALLED NEW RING #9G-9078					
1	9G-9078		SLEEVE	N 149.79	149.79
1	8G8554	206230	PIVOT SHAFT	N 1250.00	1250.00
TOTAL PARTS					SEG. 71 1399.79 *
TOTAL LABOR					SEG. 71 250.00 *
SEGMENT 71 TOTAL					1649.79 T

TRANSPORT MACHINE					
1.00			TRANSPORT HAUL		425.00
TOTAL MISC CHGS					SEG. 97 425.00 *
SEGMENT 97 TOTAL					425.00 T

TRANSPORT COMPONENT(S)					
1.00			TRANSPORT HAUL		600.00
TOTAL MISC CHGS					SEG. 98 600.00 *
SEGMENT 98 TOTAL					600.00 T

SERVICE SUPPLIES AND					
ENVIRONMENTAL CHARGES					500.00 T
MN SALES TAX-6.875%					1374.91 T
MARSHALL MN CITY TAX					99.99 T
* * * C A S H * * *					
* * * INVOICE COPY * * *					
DUE BY 10TH OF THE NEXT MONTH					
INVOICE TOTAL					27,950.57