



Service Dept.
19500 Dix-Toledo Rd.
Brownstown Twp., Michigan 48183

REMIT TO: Michigan CAT
Dept.# 77576
P.O. BOX 77000
Detroit, Michigan 48277-0576

Account Number: 16229
CUSTOMER INVOICE

Service Dept.
19500 Dix-Toledo Rd.
Brownstown Twp., Michigan 48183
Phone: 734 479 5800 Fax 734 479 1299

176 1 SP 0.510 E0176X I0308 D7302875664 S2 P8095282 0001:0004



PITTSFIELD CHARTER TOWNSHIP FIRE DEPT
6227 W MICHIGAN AVE
ANN ARBOR MI 48108-9721

SHIP TO

Pittsfield Charter Township Fire Dept
6227 W MICHIGAN AVE
Ann Arbor, MI 48108
Chris 734-822-2124

INVOICE NUMBER	INVOICE DATE	ORDER NUMBER	DOCUMENT DATE	CUSTOMER PO NUMBER		PAGE
SD11976334	03/03/2021	MS-WO-11863885	01/28/2021	Verbal Chris		1 OF 4
MAKE	MODEL	EQUIPMENT NUMBER	SERIAL NUMBER	METER READING	SHIP VIA	TAX
CATERPILLAR	C13 TRK		TEP01114	31111		MI
QUANTITY	ITEM	DESCRIPTION		UNIT PRICE	EXTENSION	

All repairs and parts listed were furnished in compliance with the Michigan Motor Vehicle Service and Repair Act. Repairs properly completed and checked by: Donald C Siegel M230775
Michigan repair facility registration number: F150836

SEG. 1 / TROUBLESHOOT / HYDRAULIC HOSES/LINES

COMPLAINT: HYDRAULIC OIL LEAK

CAUSE: UNKNOWN

REPAIR: FOUND HYDRAULIC OIL DRIPPING OFF OF HYDRAULIC RAM FOR DUMP BOX. TRIED TO RAISE DUMP BOX. WHEN PTO IS ENGAGED, IT IS MAKING A LOUD GRINDING SOUND. SUSPECT HYDRAULIC FLUID TANK IS EMPTY. NEED TO RAISE DUMP BOX IN ORDER TO CHECK THE FLUID LEVEL, SINCE THE TANK IS LOCATED UNDER THE BOX. WILL HAVE TO BRING IT IN THE SHOP AND USE THE OVERHEAD CRANE TO RAISE UP THE BOX.

Service tech(s): Aaron Kayson M235972

PARTS

43	1226907	L/M HOSE-IN	0.98	42.14
120	105970Q	BULK - CAT HYDO Advanced 10	3.18	381.60
285	4568470	XT-3ES CM	0.45	128.25
2	4991177	COUPLING AS	35.34	70.68
2	5P2230	CLAMP	3.77	7.54
2	5P7468	CLIP	8.20	16.40
2	5P7469	CLIP	6.89	13.78
2	5P8444	GROMMET	36.14	72.28
285	6V0746	CM-GUARD-HOS	0.09	25.65
2	5P2230	CLAMP	3.77	7.54
98	105970Q	BULK - CAT HYDO Advanced 10	3.18	311.64

LABOR

10.10	Regular hours	Shop	130.00	1,313.00
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SEGMENT 1

TOTAL PARTS	1,077.50
TOTAL LABOR	1,313.00
SEGMENT TOTAL	2,390.50

SEG. 2 / REMOVE & INSTALL / LIFT/HOIST CYLINDER



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SD11976334	03/03/2021	MS-WO-11863885	01/28/2021	Verbal Chris	2 OF 4
QUANTITY	ITEM	DESCRIPTION		UNIT PRICE	EXTENSION

COMPLAINT: REMOVE LEAKING CYLINDER

CAUSE: INTERNAL DAMAGE

REPAIR: REMOVED PLATES OFF OF THE DOG HOUSE AND REMOVED UPPER PIN FROM CYLINDER. RAISED DUMP BOX AND SECURED CYLINDER. REMOVED LOWER PIN FROM CYLINDER AND REMOVED CYLINDER FROM UNDER THE DUMP BOX.

Service tech(s): Timothy J Townley

PARTS

1	400-80259/OUT	HYD. PUMP	1,139.13	1,139.13
1	6-3-126-A00	CYLINDER	1,849.13	1,849.13
2	2388648	COOLANT-ELC	13.83	27.66

LABOR

8.00	Regular hours	Shop	130.00	1,040.00
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MISCELLANEOUS

1	Freight in-parts		184.91	184.91
1	Freight in-parts		113.91	113.91

SEGMENT 2		TOTAL PARTS	3,015.92
		TOTAL LABOR	1,040.00
		TOTAL MISC. CHARGES	298.82
		TOTAL TAXABLE MISC. CHARGES	298.82
		SEGMENT TOTAL	4,354.74

SEG. 3 / R.D.I. & RESEAL / LIFT/HOIST CYLINDER

COMPLAINT: CYLINDER LEAKING

CAUSE: INTERNAL DAMAGE

REPAIR: DISASSEMBLED HOIST CYLINDER AND FOUND CYLINDER CAN AND SECTION SCORED. CYLINDER NEEDS TO BE REPLACED. ALSO THE LOWER PIN BORE NEEDS TO BE REPAIRED.

Service tech(s): Timothy J Townley

LABOR

3.50	Regular hours	Shop	130.00	455.00
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SEGMENT 3		TOTAL LABOR	455.00
		SEGMENT TOTAL	455.00



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SEG. 4 / REMOVE & INSTALL / HYDRAULIC HOIST PUMP

COMPLAINT: HYDRAULIC CYLINDER

CAUSE: METAL IN SYSTEM DAMAGED HYDRAULIC CYLINDER

REPAIR: REMOVED HOIST PUMP FROM PTO AND DISCONNECTED AIR LINES. REMOVED FITTINGS FROM OLD PUMP AND MOUNTING BRACKET. CLEANED FITTINGS AND APPLIED SEALANT TO THREADS. INSTALLED FITTINGS INTO NEW PUMP AND INSTALLED MOUNTING BRACKET. INSTALLED PUMP INTO PTO HOUSING WITH MOUNTING HARDWARE.

Service tech(s): Timothy J Townley

LABOR

3.50	Regular hours	Shop	130.00	455.00
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SEGMENT 4	TOTAL LABOR	455.00
	SEGMENT TOTAL	455.00

SEG. 5 / CLEAN & INSPECT / HYDRAULIC TANK

COMPLAINT: CLEAN HYDRAULIC TANK

CAUSE: METAL IN SYSTEM

REPAIR: FINISHED DRAINING HYDRAULIC OIL FROM TANK AND FLUSHED WITH A CLEANER. USED AIR TO DRY INSIDE OF TANK AND INSPECTED INSIDE OF TANK.

Service tech(s): Timothy J Townley

LABOR

5.00	Regular hours	Shop	130.00	650.00
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SEGMENT 5	TOTAL LABOR	650.00
	SEGMENT TOTAL	650.00

SUBTOTAL BEFORE TAXES	8,305.24
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Environmental charge	176.08
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Non-taxable sales to government and non-profit groups	0.00
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PAYMENT TERMS

Pay in full 30 days after invoice date. A monthly Finance Charge of 1.00% (12% APR) will be added on all past due amounts.

For payment questions about
this invoice please contact
Denise Wethington
Fax 1-866-473-4921
Voice 248-349-4800 Ext. 1486
Email denise.wethington@michigancat.com

CREDIT AMOUNT	0.00
DO NOT PAY	
PAY THIS AMOUNT	8,481.32