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 268 Orenda Road, Brampton, ON, 905-488-2500

SOLD TO:

SHIP TO:

[REDACTED]

				INVOICE NUMBER	INVOICE DATE
				WO500749007	2024-06-28
WORKORDER NO.	W/O OPEN DATE	UNIT NO.	ACCOUNT NO.	P.O. NO.	PAGE
OR89760	2024-05-15		8196895	PAID BY VISA	1 of 5
MAKE	MODEL	SERIAL NO.	M/HRS	GST / HST: 892135443 RT0001	
AA	C27	0TWM03960	5422.0	QST:1021938901 TQ0002	

 \$500 USD DEDUCTIBLE APPLIES TO ESC COVERAGE
 (\$685 CDN)

SEGMENT: 01

TRAVEL TO/FROM ENGINE & GENERATOR

[REDACTED]

	TOTAL LABOR	SEG. 01	1056.00 *
	LESS 100%-LABOR		1056.00-*
552.00	MILEAGE - EP	2.52	1391.04
	TOTAL MISC CHGS		1391.04 *
	LESS 100%-MISC		1391.04-*
	SEGMENT 01 TOTAL		.00 T

SEGMENT: 04

TROUBLESHOOT ENGINE & GENERATOR

COMPLAINT:
 ENGINE KNOCK AND SMOKE
 CAUSE:
 INJECTOR HOLD DOWN BOLT BROKEN
 CORRECTION:
 TRAVEL TO STAYNER, ON. FROM ORILLIA, ON. SEVERAL
 TIMES TO COMPLETE REPAIRS.
 ARRIVED ON SITE AND SPOKE WITH OPERATORS, VERIFY
 COMPLAINT. CHECKED FLUIDS, FOUND ENGINE OIL WAS
 OVERFULL, SMELT LIKE DIESEL AND WAS VERY THIN.
 REMOVED ENGINE ACCESS COVERS, REMOVED VALVE
 COVERS. FOUND DAMAGE TO INJECTOR #6. INJECTOR HOLD
 DOWN BOLT WAS BROKEN AND INJECTOR BROKEN INTO
 PEICES. REMOVED PEICES FROM INSIDE HEAD.
 USING BORESCOPE, INSPECTED INSIDE CYLINDER AND
 FOUND MARKS ON CYLINDER WALLS. ENGINE HAD FILLED
 UP WITH FUEL AND PUSHED MOST OF THE OIL OUT THE
 BREATHER. CYLINDER HEAD WILL NEED TO BE REMOVED
 AS WELL AS OIL PAN FOR FURTHER INSPECTION DUE TO
 CONTAMINATION. ***** OIL PAN IS NOT ACCESSIBLE IN

*INVSRY-20240602-1 POPXERO1-W.OJN2290A-111315-000003-20240628101321-XLUPND21702



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MACHINE. ***** ENGINE WILL NEED TO COME OUT OF MACHINE*** DRAINED COOLANT AND ENGINE OIL. RMEOVED AIR TO AIR PIPING, RADIATOR/COOLING PACKAGE FROM MACHINE AND REMOVED ENGINE FAN AND HUB. SEPARATE AND CONNECT ENGINE FROM ALL ATTACHING EQUIPMENT (FUEL, ELECTRICAL, PTO DRIVE ETC), TO BE ABLE TO REMOVE ENGINE FROM CHASSIS. LIFTED ENGINE FROM CHASSIS AND TRANSPORT BACK TO SHOP. REMOVED HEAD, CHECKED CAM/CAM FOLLOWERS, LINERS. NUMBER 6 LINER HAD SLIGHT SCORING DUE TO FUEL DILUTION. REMOVED MAIN AND ROD BEARINGS, NOTED WEAR AND SCRATCHING DUE TO FUEL DILUTION. POLISHED MAIN AND ROD CRANK JOURNALS, INSTALLED NEW MAIN AND ROD BEARINGS FOLLOWING CAT PROCEDURE. INSTALLED CAT REMAN HEAD, REINSTALLED CAM, 3 CAT REMAN FOLLOWERS FOR NUMBER 6, NEW INJECTOR AND HOLD DOWN AND HOLD DOWN BOLT, ALL NEW INJECTOR BOLTS TORQUED TO CAT SPEC.SET VALVES AND INJECTOR HEIGHT, TORQUED TO SPEC. CHECKED OTHER BANK FOR ANYTHING LOOSE-WAS OK. TRANSPORT ENGINE BACK TO MACHINE FOR INSTALLATION. HOISTED AND INSTALLED ENGINE TO MACHINE, REINSTALLED RAD, AIR TO AIR PIPES, FAN, FAN LINES, GUARDING, SHROUD, EXHAUST AND MISCELLANEOUS. CHANGED PRIMARY AIR FILTERS, OIL AND FUEL FILTERS, WATER SEPARATOR. WASHED ENGINE, STARTED AND MONITORED FOR ANY LEAKS, ALL OK. PAINT ENGINE AS REQUIRED. VERIFIED ALL REPAIRS AND ALL WAS OK.

CONTINGENT DAMAGE:
 CYLINDER HEAD, INSPECTED HEAD FOR DAMAGE. BOTTOM OF INJECTOR BORE WAS ELONGATED DUE TO INJECTOR MOVING AROUND ERRATICALLY. ENGINE MAIN AND ROD BEARINGS WERE HEAVILY SCORED DUE TO FUEL DILUTION IN OIL. INJECTOR ROCKER WAS DAMAGED, BOTH VALVE ROCKERS HAD PARTS BOUNCING OFF THEM.

2	1B-3057	CLIP	S 000	13.27	26.54
1	1R-0755	FILTER A	S 000	99.33	99.33
2	1R-1808	FILTER AS-LU	S 000	63.91	127.82
2	2M-9780	SEAL O RING	S 000	2.76	5.52
4	2N-2765	BOLT	S 000	22.30	89.20
24	2N-2766	LOCK NUT	S 000	12.62	302.88
4	2P-3203	BOLT	N 000	3.64	14.56
1	2W-4474	BRACKET	N 000	145.17	145.17
2	4B-0418	CLIP	S 000	11.24	22.48
2	4N-0865	GASKET	N 000	3.08	6.16
2	5E-8771	O RING	S 000	42.07	84.14

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QTY	ITEM NO.	DESCRIPTION	UNIT	PRICE	TOTAL
24	5M-2894	WASHER	S 000	.79	18.96
2	5P-5846	SEAL O RING	S 000	30.77	61.54
4	6B-2882	SPACER	N 000	12.70	50.80
1	6I-0213	CLAMP	N 000	115.12	115.12
1	7E-6508	CAP A	S 000	18.28	18.28
2	7N-7559	GASKET	S 000	2.33	4.66
1	8L-2777	O RING	S 000	9.00	9.00
6	8S-9191	BOLT	S 000	3.12	18.72
2	9F-6304	SPRING	N 000	26.92	53.84
2	9M-0853	PLUNGER	N 000	48.64	97.28
6	9X-7317	SEAL O RING	S 000	8.42	50.52
1	100-5072	SPACER	N 000	25.58	25.58
2	112-3102	SEAL O RING	S 000	10.90	21.80
2	112-3540	SEAL O RING	S 000	20.91	41.82
2	117-8801	SEAL O RING	S 000	45.30	90.60
1	118-5068	SEAL O RING	S 000	4.87	4.87
1	192-4151	BUTTON	N 000	33.71	33.71
2	196-5070	NUT - JAM	N 000	1.55	3.10
1	20R-0503	HEAD GP CYL	S 000	10950.96	10950.96
1		DEPOSIT CHG	S 000	5917.87	5917.87
1-		WORN CORE	S 000	5917.87	5917.87-
1	20R-2284	INJ GP FUEL	N 000	1384.64	1384.64
1		DEPOSIT CHG	N 000	443.44	443.44
1-		CORE FORFEIT	N 000	.00	.00
1	20R-3319	ARM A UI ROC	N 000	409.69	409.69
1		DEPOSIT CHG	N 000	168.71	168.71
1-		WORN CORE	S 000	168.71	168.71-
1	20R-8517	ARM GP	N 000	325.93	325.93
1		DEPOSIT CHG	N 000	165.30	165.30
1-		WORN CORE	S 000	165.30	165.30-
1	226-5613	GASKET	N 000	64.47	64.47
6	230-3728	SEAL	S 000	16.45	98.70
6	230-3775	SEAL	S 000	21.37	128.22
12	232-3226	BEARING-ROD	S 000	71.31	855.72
2	238-8649	COOLANT-ELC 5G	S 000	133.00	266.00
14	240-9543	WASHER-SEALI	S 000	5.08	71.12
1	243-6718	BEARING KIT-	S 000	953.06	953.06
1	258-8721	BUTTON	N 000	23.59	23.59
1	274-4492	SCREW-ROCKER	N 000	28.48	28.48
1	313-4085	SHAFT AS-RKR	N 000	690.94	690.94
1	326-1641	FILTER AS	S 000	70.59	70.59
12	356-5212	BOLT-12 POIN	S 000	29.74	356.88
14	365-4307	BOLT-12 PT H	S 000	15.65	219.10
1	442-0770	KIT GASKET	N 000	1897.21	1897.21
1	581-9068	GASKET-OIL P	N 000	196.82	196.82
2	590-0224	PAINT-MATTER	S 000	19.00	38.00

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2	P181042	AIR PRMY N 023	198.91	397.82
1	SOSOIL	SOS BOTTLE OIL S 263	27.50	27.50
4	5153987	DEO ULS 10W30 1S 946	138.04	552.16
		TOTAL PARTS	SEG. 04	22095.04 *
		LESS 100%-PARTS		22095.04 -*
		TOTAL LABOR	SEG. 04	26662.50 *
		LESS 100%-LABOR		26662.50 -*
		SEGMENT 04 TOTAL		.00 T

		CAT NEW EXT WARRANTY COVERED REPAIRS DEDUCTIBLE:	51204.58 685.00	685.00 T
		TOTAL BEFORE TAXES:		.00
		ONTARIO HST 13%		89.05 T
		INVOICE TOTAL: CAD		774.05

 NEED TO RENT A GENERATOR?
 CALL US ON OUR 24 HOUR HOTLINE
 1-866-667-5544 FOR ALL YOUR POWER RENTAL NEEDS

PURSUANT TO THE ONTARIO REPAIR AND STORAGE LIENS ACT, THE MANITOBA GARAGE KEEPERS ACT, OR THE GARAGE KEEPERS LIEN ACT OF NUNAVUT, AS APPLICABLE, THE UNDERSIGNED HEREBY ACKNOWLEDGES ITSELF INDEBTED TO TOROMONT INDUSTRIES LTD. IN THE AMOUNT OF THIS INVOICE.

**
 * AUTHORIZED NAME (PLEASE PRINT): _____
 **

* SIGNED BY: _____
 **

* TITLE: _____

***** YOU MAY BE ASKED TO PARTICIPATE IN A TELEPHONE SURVEY.*****
 IF YOU WOULD RATE US AT LESS THAN A 9 OR 10, WE HAVE FAILED TO PROVIDE THE EXPERIENCE YOU DESERVE. PLEASE CONTACT OUR CUSTOMER EXPERIENCE TEAM

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AT CUSTOMEREXPERIENCE@TOROMONT.COM WITH ANY CONCERNS/RECOMMENDATIONS
THANK YOU!

CREDIT MANAGER CONTACT : (905) 488-2515 JEANETTE RICOPUERTO
SERVICE CONTACT : (905) 488-2505 AUREL CARINA
* LAST PAGE *

Payment required upon delivery. Please disregard if invoice already paid.

Thank you. We appreciate your business.

ORIGINAL INVOICE

PLEASE REMIT PAYMENT TO:

Toromont Cat
A Division Of Toromont Industries Ltd.
3131 Highway 7 West, P.O. Box 5511
Concord ON L4K 1B7

Internet Banking payment accepted at most financial institutions; EFT available - Call your credit contact.
Invoice due 30 days from invoice date. Late payment charges of 1.5% per month (18% annually) will be charged on all past due amounts.

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