



Wajax Limited
123 Queensland Crescent
Red Deer AB T4P 2P6

INVOICE

2025170106084

1 (3)

EX17-7

Invoice date	Due date	Order number	Your order number	Reference	Order date
20/Aug/2025	19/Sep/2025	TL0-7100404786	ZX350LC-5		23/Jun/2025

Payer

Payer address

CHALLAND PIPELINE LTD

Customer

Location address

CHALLAND PIPELINE LTD

Contact

Phone

E-mail

Entered by

Phone

E-mail

Wendy Graham

403-346-8981 , FAX 403-347-3711

WGraham@wajax.com

Delivery method	Delivery terms	Payment terms	Delivery date
None	Service	Net 30 days	20/Aug/2025

Line	Product / Description	Fleet number	Lot/Serial no	Service
1	ZX350LC-5 HYDRAULIC EXCAVATOR Brand HITACHI <u>Meters</u> Hours: 6856.00 KM: 0.00 Miles: 0.00	144	1FFDDC70CCE930100	FIELD
COMPLAINT: PUMP ISSUES, HYD TUNE UP				
CAUSE: FAILED REGULATOR PUMP				
CORRECTION: JUNE 25, 2025 TRAVEL TO CUSTOMER LOCATION. CHECK OIL LEVEL. START UNIT AND CONFIRMED MACHINE MISTRACKS. FOUND CODE 11302-4A IS ACTIVE. BOOM RAISE PILOT PRESSURE CIRCUIT OPEN. SENSOR READS 5.37 MPA AT ALL TIMES. SUSPECT THAT CODE IS AFFECTING PUMP. GO THROUGH TROUBLESHOOTING STEPS AND FOUND CORRODED GROUND. REPLACE CONNECTOR AND THIS RESOLVED CODE. IT DID NOT RESOLVE MISTRACK ISSUE. VERIFIED PUMP REGULATOR PRESSURE IS THE SAME ON BOTH. SWAPPED HOSES FROM LEFT TO RIGHT ON CENTER JOINT AND ISSUE FOLLOWED HOSES, CONFIRMING IT IS A PUMP ISSUE. MOVE HOSES BACK TO CORRECT POSITIONS. SWAPPED REGULATORS FROM PUMP 1 TO 2 AND ISSUE FOLLOWED REGULATOR, CONFIRMING A REGULATOR ISSUE. WILL DISCUSS WITH BRICKERS ABOUT WARRANTY AND ORDER A NEW ONE. CLEAN WORK AREA AND RETURN TO SHOP.				

PAID
26 Sep 25 gh
EFT



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COMPLETE PAPERWORK.

JULY 7, 2025

TRAVEL TO CUSTOMER LOCATION AND REMOVE REGULATOR. INSTALL NEW REGULATOR. NEW REGULATOR DID NOT FIX THE ISSUE. SWAPPED REGULATORS AND ISSUE FOLLOWED. FOUND SPOOL STOP IN NEW SUPPLIED REGULATOR THAT THE OTHER DID NOT HAVE. SWAPPED OVER PARTS SO THEY WERE THE SAME. INSTALLED AND FOUND THIS STILL DID NOT FIX THE ISSUE. CONTACT BRICKERS AND THEY REQUESTED TO RESET CYCLE TIMES. SET CYCLE TIME AS PER HITACHI BOOK. TRACK SPEED THE SAME ON CYCLE TIME TEST - UNIT STILL HAS ISSUE. DISCUSS WITH BRICKERS AND REQUESTED OEM REGULATOR BACK AND WILL INSTALL WHEN IT COMES IN. CLEAN WORK AREA AND RETURN TO SHOP. COMPLETE PAPERWORK.

JULY 10, 2025

TRAVEL TO LOCATION AND PULLED VACUUM ON TANK TO REMOVE PUMP 1 REGULATOR. REMOVE REGULATOR AND INSTALLED ORIGINAL OEM REGULATOR. HOOK UP ALL HOSES PREVIOUSLY REMOVED. TOOK VACUUM OFF TANK AND INSTALLED BREATHER. START UNIT AND VERIFIED NO LEAKS. CYCLE TIMES TRACKS AND HAD TO ADJUST RIGHT TRACK TO EVEN OUT CYCLE TIMES. CYCLE TIMES NOW THE SAME. RAN UNIT - NO MISTRACK IN UNIT. CHECKED REST OF CYCLE TIMES AND FOUND ALL TO BE WITHIN SPEC. HAVE CUSTOMERS MECHANIC RUN MACHINE TO VERIFY THAT THEY ARE GOOD WITH MACHINE PERFORMANCE. CLEAN WORK AREA AND RETURN TO SHOP. COMPLETE PAPERWORK.

Tr no	Line type	Op/Item / Description	Quantity	U/M	Price	Discount amt	Handling chg	Total
13	Miscellaneous	ZONECHARGE RMH TRAVEL FLAT RATE	1.00	EA	200.00			200.00
5	Labor	0002 Field		HRS				
Miscellaneous								200.00
Fixed price labour								2,150.00
Environmental Charge								129.00
Shop Supplies								193.50
Sub total								2,672.50

Order total

2,672.50



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GST/HST (%) 5.00

Total Tax

Invoice Total

133.63

133.63

CAD 2,806.13

Remit To WAJAX LIMITED
C25067C/U
PO BOX 2521, STATION M
CALGARY AB T2P 0T6
accounts.receivable@wajax.com

Terms and Conditions: Wajax's Standard Terms and Conditions of Sale (including its standard Products and Services Warranties), which are publicly available online at <https://www.wajax.com/terms-conditions/>, form an integral part of this agreement and are hereby incorporated herein by reference. By signing or otherwise accepting this document, Customer acknowledges having read and accepts Wajax's Standard Terms and Conditions of Sale.

GST/HST 105570915RT0002
QST 1012792138TQ0002

093410019525403349COS184PF_106 M3 PRD 100WLT



WAJAX
C25067C/U
PO Box 2521, Station M
Calgary, AB
T2P 0T6
Phone: 514-636-7200 ext 2366

Customer

I N V O I C E

Invoice
410108

Pg
1

28/01/20

Sold To
CHALLAND PIPELINE LTD

Ship To
CHALLAND PIPELINE LTD

FOB FREIGHT - COLLECT

Br	Trk	Make	Model	Serial	Equipment	Meter	Sls	Customer P.O.
033	HI	ZX350LC-5		1FFDDC70CCE930100	144	5,928	A60	144

Ordr	Ship	B/O	Description	Each	Amount
				Closed	28/01/20

1. INSTALL CASE DRAIN LINE ONTO HITACHI FOR XCENTRIC RIPPER

FABRICATE BRACKET FOR CASE DRAIN HOSES (TAKE MEASUREMENT, CUT FLAT BAR TO LENGTH, DRILL HOLES AND WELD METAL BRACKETS AND PAINT). REMOVE BATTERY TERMINAL, INSTALL BRACKETS ON THE UNIT, REPAIR BROKEN CLAMP BRACKET ON THE MACHINE AND PAINT. DRAIN TANK PRESSURE AND FIGURE OUT WHAT PORT TO USE ON THE RETURN MANIFOLD. WELD UP BRACKETS, INSTALL FITTINGS AND HOSES FROM BOOM FOOT TO RETURN MANIFOLD. NEED TO MOUNT ALL BRACKETS BEFORE MEASURING OUT AND MAKING HOSES. CHECK ON SOURCE OF OIL AND AUXILIARY BALL VALVE AREA. CLEANED UP AND CHECKED FOR LOOSE FITTINGS THEN PRESSURE UP, NO APPARENT LEAKS. MOUNT BRACKETS AND FOUND BOOM PIPE BRACKET BROKEN OFF, WELD UP, MEASURED OUT HOSE LENGTHS TO MAKE LINES. SET UP HYDRAULIC SYSTEM IN ORDER TO HAVE THE UNIT RUN THE VIBRATORY RIPPER AS PER CUSTOMER. INSTALLED THE FITTING OFF OF THE BALL VALVES IN ORDER TO HOOK UP THE RIPPER. TOPPED UP HYDRAULIC FLUID AND FOUND THAT BOTH OF THE BOOM CYLINDERS WERE LEAKING. ADVISED CUSTOMER AND INFORMED OF THE ISSUE AND GO THE GO AHEAD TO PERFORM CYLINDER RESEAL ON BOTH BOOM CYLINDERS. REMOVED ONE BOOM CYLINDER AND DISASSEMBLED IT, CLEANED ALL PARTS AND INSPECTED THE ROD

CONTINUED

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			FOR CHROME DAMAGE, NONE. ASSEMBLED THE LEFT HAND BOOM CYLINDER AND PINNED TO UNIT. REMOVED AND DISASSEMBLED THE RIGHT HAND BOOM CYLINDER AND CLEANED UP PARTS. THE PISTON SEEMED TO HAVE CONTAMINATION RUN THROUGH IT AND CAUSED MINOR DAMAGE TO THE PISTON SIDES. REMOVED THE CYLINDER ROD FROM THE BENCH AND ROLLED IT TO INSPECT FOR CHROME DAMAGE AND RUN OUT. FOUND A MINOR BIT OF CHROME DAMAGE AND NO RUN OUT. REASSEMBLED THE CYLINDER WITH ALL NEW SEALS AND REINSTALLED IT ON THE MACHINE. TOPPED UP HYDRAULIC OIL LEVEL AND CYCLED THE REBUILT CYLINDERS. CHECKED THE HYDRAULIC OIL LEVEL AFTER CYCLING. BLEED HYDRAULIC PUMPS, RUN UNIT AND CONNECT RIPPER. CONNECT HOSES, INSTALL LOCK BAR, RUN UNIT AND RUN RIPPER. CHECK OIL LEVEL, BRING UNIT INTO WASH BAY AND WASH. GREASE BOOM CYLINDERS AND PARK UNIT ON FENCE.		
3	3		HH 1AA8FJ8	#8 JIC F VG091A*N	17.59
1	1		HH 1AA8FJB8	#8 JIC F VG0814*N	27.60
4	4		HH 1AA8MJ8	MALE 37 VG0933*N	11.72
1	1		HH 2063-8-8	ADAPTOR *	48.53
1	1		HH 210292-8	JIC CAP *	5.15
1	1		HH 2406-16-20	ADAPTOR *	22.20
1	1		HH 900599-8	#8 JIC P VG0156*N	2.87
1	1		HH 9058-20-20	ADAPTOR *	260.23
527	527		HH GH781-8	1/2" 2 W HOSRAK*N	.72
			HOSE IS PURCHASED AND SOLD BY THE INCH SPOOL CONSISTS OF 450' (5400")		379.44

CONTINUED

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Ordr	Ship	B/O	Description			Each		Amount	
			HOSE IS PURCHASED AND SOLD BY THE INCH						
			SPOOL CONSISTS OF 450' (5400")						
			HOSE IS PURCHASED AND SOLD BY THE INCH						
			SPOOL CONSISTS OF 450' (5400")						
			HOSE IS PURCHASED AND SOLD BY THE INCH						
			SPOOL CONSISTS OF 450' (5400")						
24	24	HI	1148824	Bolt		10.09		242.16	
2	2	HI	1237106	Bushing		192.86		385.72	
2	2	HI	2908-050	Hydraul	RB06A3 N	134.83		269.66	
4	4	WX	XL46-20 5000 OIL	O-Ring	VE0732*N	4.08		16.32	
2	2	HI	AT264348	Seal Kit		498.71		997.42	
4	4	HI	FYA00008840	O-Ring	VC0933*N	2.74		10.96	
26	26	M7	900952-10	PLASTIC	*	11.31		294.06	
10	10	M7	AH40840-PP	CLAMP	*	29.91		299.10	
			TOTAL PARTS					3,361.07	
	1		HAZMAT/ENVIRONMENTAL			200.00		200.00	
	1		SHOP SUPPLIES			300.00		300.00	
	1		LABOUR			6,408.00		6,408.00	
			SUBTOTAL						
			ALBERTA P.S.T						
			G.S.T. 83989 9747 RT0005						

CONTINUED

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Ord	Ship	B/O	Description	Each	Amount
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Integrated Distribution Systems
Limited Partnership, is an operating div. of Wajax

Total 10,782.52

Authorized Signature

Date

Pulled By

Checked By

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