Brandt

Brandt Tractor Ltd.
9500 190th St.
Surrey, BC
V4N 3S2
(604)882-8888

Service Invoice

JOHN DEERE

INVOICE DATE	BRANCH	INVOICE NO.
19FEB26	114	114500378

SOLD TO: [redacted]

PAGE 1

SALE TYPE CHARGE

CUSTOMER NO. 14194304

SHIP TO

PURCHASE ORDER NO.	PHONE NUMBER	WORK ORDER NO.	SEG.	DATE OPENED	SALESPRN	
P-11-86582	[redacted]	114500378	01	11FEB26		

MAKE	MODEL	SERIAL NO.	EQUIP. NO.	METER	AUTHORIZED BY
JD	460E	1DW460ETTKF696091	FMC835	2839	STAN

DESCRIPTION	AMOUNT
TRAVEL TO SITE @ 1080 BRADNER, ABBOTSFORD	
* LABOR *	520.00
ENVIRONMENTAL FEE 5.20	5.20
>>--> SEG# 01 PRT .00 LAB 520.00 MSC 5.20	525.20
* GST/HST * 26.26	
LISTEN TO NOISE FROM CENTER AXLE	
Arrived on site and matched machine with work order information. Spent about an hour and a half looking into possible problems with machine and then informed by Stan that the incorrect information had been received and the proper unit to diagnose/repair was QMC835; not QMC834. Located QMC835. Found machine surrounded by other machines and personnel completing maintenance after hours. Checked for coding and found nothing standing out for noise coming from center of the machine. Inspected driveline, suspension, walking beams and large rock wedged between walking beam and frame. Took some time to recreate some gnarly sounds from the wedged rock but found Stan to insist that the original complaint was not a clunking sound, but a whirring/cavitation type sound from a hydraulic pump. The rock was broken away from the walking beam. Worked with Stan and moved the machine back and forth in tight area and was able to intermittently recreate the sound. Sound appeared to be exactly as described by Stan when active. Found axle lubrication motor pump to appear to be the source of the	

QST # 1226957240

PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUM). MINIMUM CHARGE OF $1.50.

I hereby authorize the above repair work to be done along with the use of necessary materials. You and your employees may operate above machine for purposes of testing, inspection, or delivery at my risk. I agree to pay cash on delivery of machine or on terms satisfactory with you and until paid in full an express mechanics lien is acknowledged on above machine to secure the amount for repairs thereto.
It is understood that this company assumes no responsibility for loss or damage by theft or fire to machine placed with them for storage, sales, repair or while field testing.

X _____ SIGNATURE

_____ DATE

DESCRIPTION	AMOUNT
TOTAL PARTS	
TOTAL LABOR	
MISC. CHARGES	
SALES TAX	
PLEASE PAY THIS TOTAL ▶	**CONTINUED**

CUSTOMER COPY

LF-1152C

Brandt

Brandt Tractor Ltd.
9500 190th St.
Surrey, BC
V4N 3S2
(604)882-8888

Service Invoice

JOHN DEERE

INVOICE DATE	BRANCH	INVOICE NO.
19FEB26	114	114500378

SOLD TO:

[redacted]

PAGE 2
SALE TYPE CHARGE
CUSTOMER NO. 14194304

SHIP TO

PURCHASE ORDER NO.	PHONE NUMBER	WORK ORDER NO.	SEG.	DATE OPENED	SALESPRN
P-11-86582	[redacted]	114500378	02	11FEB26	

MAKE	MODEL	SERIAL NO.	EQUIP. NO.	METER	AUTHORIZED BY
JD	460E	1DW460ETTKF696091	FMC835	2839	STAN

DESCRIPTION	AMOUNT

sound.
Activated lubrication pump by disabling CDL (disabling the axle lube circuit OFF solenoid). Was able to consistently recreate the sound and found lubrication pump discharge hoses to be vibrating/pulsing. The intensity of the cavitating sound would increase after prolonged running of the MPP. I did not want to run the MPP for too long in case of incurring damage. Checked axel lubrication pressures and found within specifications. Checked all hoses running to and from MPP and found vibrations reverberating through many hoses. Checked CDL lock pressures and found varying but meeting specifications higher than lubrication pressures required. Took time to open up differentials and check axle lubrication levels. Found axle fluid levels lower than specifications. Checked for axle overheat codes and found no indications of excessive heat. Stan had noticed one suction hose to axle had been slightly crushed and the inner integrity could not be verified. Locked out machine as further testing of MPP required and test equipment needed that was not on hand.
Procured axle filters, fluid and test equipment, loaded onto truck. Also took time to procure suction hose for axle circuit. Arrived at unit. Removed both axle filters and took time to cut open and inspect. Found nothing of note. Nothing to indicate MPP failure or axle failure. Took time to fill up both axles with fluid and replace axle filters (primed). This took more fluid than expected due to the finnicky fill procedure. Ran up machine and disabled axle lube cut solenoid once axles were at appropriate level. Found MPP circuit to still be quite loud and still to appear like

QST # 1226957240

PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUM). MINIMUM CHARGE OF $1.50.

I hereby authorize the above repair work to be done along with the use of necessary materials. You and your employees may operate above machine for purposes of testing, inspection, or delivery at my risk. I agree to pay cash on delivery of machine or on terms satisfactory with you and until paid in full an express mechanics lien is acknowledged on above machine to secure the amount for repairs thereto.
It is understood that this company assumes no responsibility for loss or damage by theft or fire to machine placed with them for storage, sales, repair or while field testing.

X _____ SIGNATURE

_____ DATE

DESCRIPTION	AMOUNT
TOTAL PARTS	
TOTAL LABOR	
MISC. CHARGES	
SALES TAX	
PLEASE PAY THIS TOTAL	

CONTINUED

CUSTOMER COPY

LF-1152C

Brandt

Brandt Tractor Ltd.
9500 190th St.
Surrey, BC
V4N 3S2
(604)882-8888

Service Invoice

JOHN DEERE

INVOICE DATE	BRANCH	INVOICE NO.
19FEB26	114	114500378

SOLD TO: [redacted]

PAGE 3

SALE TYPE CHARGE

CUSTOMER NO. 14194304

SHIP TO

PURCHASE ORDER NO.	PHONE NUMBER	WORK ORDER NO.	SEG.	DATE OPENED	SALESPRN	
P-11-86582	[redacted]	114500378	02	11FEB26		

MAKE	MODEL	SERIAL NO.	EQUIP. NO.	METER	AUTHORIZED BY
JD	460E	1DW460ETTKF696091	FMC835	2839	STAN

DESCRIPTION	AMOUNT

cavitating was taking place. Replaced suction hose as discussed with Stan. Took time to run up the unit and found sounds coming from machine had steadily come down in intensity. Removed both filters again and found front filter to appear aerated. Inspected the entire circuit again for possible leaks or air introduction. Could not locate any visual signs of leaking. Researched parts breakdown of axles in hopes of identifying possible air induction to pick up circuit of middle axle. Removed suction line. Removed suction flange type fitting hardware and removed. Found material packed into suction screen and tube area. Found suction tube securely mounted within the axle and didnt appear to be cracked or broken at mounting point. Used air to ensure tube was clear of debris. Extracted suction screen from the flange and cleaned out the debris. The debris appeared to consist of sealing type material (518). This didnt appear to have any signs of metal type debris. Suction screen fully cleaned. Had special o-ring kit on truck and was able to replace suction flange o-rings. Was able to seat pick up tube into flange and install suction screen from topside of flange style mount. Installed suction hose to fitting and route as best as possible. Took time to secure suction hose to existing route provided for hose. Ran up machine and disabled y2 shutoff solenoid. Found MPP to be a bit loud but deemed as a regular operating sound by this circuit. Hooked up flow meter and ensured MPP within specifications. Took time to return circuit to normal. Hose vibration and cavitation no longer observed. Took time to remove filters and found no signed of aeration in the circuit. Compared the sound to sister unit on site and found

QST # 1226957240

PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUM). MINIMUM CHARGE OF $1.50.

I hereby authorize the above repair work to be done along with the use of necessary materials. You and your employees may operate above machine for purposes of testing, inspection, or delivery at my risk. I agree to pay cash on delivery of machine or on terms satisfactory with you and until paid in full an express mechanics lien is acknowledged on above machine to secure the amount for repairs thereto.
It is understood that this company assumes no responsibility for loss or damage by theft or fire to machine placed with them for storage, sales, repair or while field testing.

X _____ SIGNATURE

_____ DATE

DESCRIPTION	AMOUNT
TOTAL PARTS	
TOTAL LABOR	
MISC. CHARGES	
SALES TAX	
PLEASE PAY THIS TOTAL	

CONTINUED

CUSTOMER COPY

LF-1152C

Brandt

Brandt Tractor Ltd.
9500 190th St.
Surrey, BC
V4N 3S2
(604)882-8888

Service Invoice

JOHN DEERE

INVOICE DATE	BRANCH	INVOICE NO.
19FEB26	114	114500378

SOLD TO: [redacted]

PAGE 4

SALE TYPE CHARGE

CUSTOMER NO. 14194304

SHIP TO

PURCHASE ORDER NO.	PHONE NUMBER	WORK ORDER NO.	SEG.	DATE OPENED	SALESPRN	
P-11-86582	[redacted]	114500378	02	11FEB26		

MAKE	MODEL	SERIAL NO.	EQUIP. NO.	METER	AUTHORIZED BY
JD	460E	1DW460ETTKF696091	FMC835	2839	STAN

DESCRIPTION				AMOUNT
to be the same. Returned unit for customer use. Informed FVA that unit was good for transport to new site.				
2	AT418095	Hydrauli	195.23	390.46
2	628420L	20L -TRA	156.00	280.80
40	WDF	WASTE DI	.10	4.00
1	AT419442A	HYD H	742.00	667.80
	* LABOR *			4,160.00
	SERVICE ACCESSORIES		374.40	374.40
	ENVIRONMENTAL FEE		41.60	41.60
>>---> SEG# 02 PRT 1,343.06 LAB 4,160.00 MSC			416.00	5,919.06
	* GST/HST *		295.95	
	* TOTAL GST/HST * - GST No. 899544779			322.21

QST # 1226957240

PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUM). MINIMUM CHARGE OF $1.50.

I hereby authorize the above repair work to be done along with the use of necessary materials. You and your employees may operate above machine for purposes of testing, inspection, or delivery at my risk. I agree to pay cash on delivery of machine or on terms satisfactory with you and until paid in full an express mechanics lien is acknowledged on above machine to secure the amount for repairs thereto.
It is understood that this company assumes no responsibility for loss or damage by theft or fire to machine placed with them for storage, sales, repair or while field testing.

X _____ SIGNATURE

_____ DATE

DESCRIPTION	AMOUNT
TOTAL PARTS	1,343.06
TOTAL LABOR	4,680.00
MISC. CHARGES	421.20
SALES TAX	0.00
PLEASE PAY THIS TOTAL ▶	6,766.47

CUSTOMER COPY

LF-1152C