

GRAND FORKS
1601 N WASHINGTON ST
GRAND FORKS ND 58203-1455
Phone: 701-775-8111
Phone: 800-962-7410
Fax: 701-775-8108

TITAN MACHINERY

See us for all of your
Parts and service solutions

SERVICE ORDER: 1245955 CL

Closed Date: 1/26/2021

Ship To: 58899
TITAN MACHINERY
1601 N WASHINGTON ST
GRAND FORKS ND 58203-1455

Sold To: 3514226
HONG FARMS
1068 161ST AVE NE
BUXTON ND 58218-9272

Lot 4 #

Invoice #: 1245955 CL	Make: CASE IH
Sold by: BRIAN PASCHKE	Model: STX550Q
Cust PO:	Serial #: ZDF135847 #3
Cust Fleet#:	Tag: 3063090
Job Desc: REPAIR AXLE SEALS	Hours: 7342.0

Service Order Summary

WO

2135875 SV	HAUL UNIT	\$270.00
2135886 SV	FRONT AXLE SEALS	\$9,601.86
2135889 SV	REAR AXLE SEALS	\$8,926.70

TOTAL INVOICE

\$18,798.56

Payment Information

HONG FARMS/MASTERCARD/VISA 8517

CREDIT CARD \$18798.56

Trans ID: 01Z6IS0RB000P77UCERN3J1A117MSRK1

Client ID: 3218739003 Store ID: 1414646002

X _____
Customer Signature

By signing I certify that I am authorized to use this Account, to sign this receipt, and that I agree that the total amount of this invoice is repayable in accordance with the Account Agreement applicable to this Account.

Phone: 218-779-6025

Cell Phone:

I hereby authorize the repair work to be done as described above on the machine(s) named hereon. All repair parts are to be billed at your regular price. I agreed to pay cash for such repair parts and labor on delivery of machine(s) or on terms satisfactory to you and until paid in full any unpaid balance shall constitute a lien on this machinery.

I further agree that you will not be held responsible for loss or damage to said machinery from fire, theft, or other causes beyond your control.

A service charge will be assessed equal to the lesser of 1.5% per month or the maximum rate permitted by law on all delinquent accounts, until paid in full.

-- CUSTOMER COPY --

GRAND FORKS

Sold To: HONG FARMS
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WO#: 2135875 SV HAUL UNIT

Comments:

Labor:

Description	Amount
Trucking - Service	\$270.00
Total Labor	\$270.00

Parts:

Qty	Vendor	Part Number	Description	Bin	Price	Ext. Price
Total Parts						
Tax						
Total WO						\$270.00

WO#: 2135886 SV FRONT AXLE SEALS

Comments:

Remove tracks
Removed undercarriage
Removed drive shaft
Removed drive wheels
Drain oil
spent extra time getting bolts out of axle housing.
Cleaned up bolts and cleaned threads in housing.
Removed axle
Disassemble axle
Removed bearings and races
Cleaned housings
Assemble axle end
Disassemble inner axle
Inner bearings were bad
Removed bearings
Installed new bearings in axle housing
Checked shims
Assemble right side axle
Disassemble left side axle
Install new seal and retaining nut, clean housings
Assemble axle
Install axle
Cleaned undercarriage
Install undercarriage, tracks, idler wheels
Drain oil and clean hyd tank
Clean suction screens
Change hyd filter

Labor:

Description	Amount
Labor	\$6,875.00
Shop Supplies	\$174.85
Total Labor	\$7,049.85

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Parts:

Qty	Vendor	Part Number	Description	Bin	Price	Ext. Price
2.00	CAS	51422852	LOCKING NUT	N05E2	\$164.00	\$328.00
2.00	CAS	51529999	SEAL	X12C	\$229.35	\$458.70
8.00	CAS	84129048	HEX SOC, M8X1.25 W/DRILOC	VIDA01E	\$1.90	\$15.20
5.00	CAS	ZPX51550	GASKET ELIMINATOR 515 50ML	H06C3	\$20.00	\$100.00
4.00	CAS	84412474	BEARING, FLANGED	O200J	\$295.00	\$1,180.00
12.00	MIS	15012	BRAKE CLEANER	DISPLAY	\$1.99	\$23.88
1.00	NHL	84196445	FILTER,CRTRDG,SPIN-ON,11.63IN	L03G2	\$125.00	\$125.00
1.00	CAS	84183968	GASKET	X10A2	\$87.25	\$87.25
1.00	CAS	64370H	BRG. TAPER	O200I2	\$163.00	\$163.00
1.00	CAS	64371H0	CUP-BRG.	O500G2	\$62.00	\$62.00
Total Parts						\$2,543.03
Tax						\$8.98
Total WO						\$9,601.86

WO#: 2135889 SV REAR AXLE SEALS

Comments:

Removed tracks
 Removed undercarriage
 Removed draw bar.
 Had trouble removing pin out of draw bar.
 Had to heat and us a press to remove pin.
 also had trouble getting bolts out of axle housing.
 Cleaned up bolts and cleaned threads in axle housing
 Removed axle
 Disassemble axle
 Install new bearing
 Installed new seal
 Installed retaining nut
 After cleaning all parts on left side
 Assembled left side axle
 Disassembled right side axle
 Cleaned all parts
 Install new bearing
 Installed retaining nut and seal
 Assembled axle
 Installed rear axle, drive wheels, undercarriage
 Installed tracks, idler wheels, fill with oil
 Washed off
 Ran machine to check for leaks
 Top off hyd fluid

Labor:

Description	Amount
Labor	\$6,875.00
Total Labor	\$6,875.00

Parts:

Qty	Vendor	Part Number	Description	Bin	Price	Ext. Price
2.00	CAS	51422852	LOCKING NUT	N05E2	\$164.00	\$328.00
2.00	CAS	51529999	SEAL	X12C	\$229.35	\$458.70
2.00	NHL	507586	CLAMP	J06D3	\$2.00	\$4.00
1.00	CAS	73133298	CUP&CONE	O100I2	\$635.00	\$635.00
2.00	CAS	64371H0	CUP-BRG.	O500G2	\$62.00	\$124.00
2.00	CAS	64370H	BRG. TAPER	O200I2	\$148.00	\$296.00

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8.00	CAS	84129048	HEX SOC, M8X1.25 W/DRILOC	VIDA01E	\$1.90	\$15.20
4.00	CAS	ZPX51550	GASKET ELIMINATOR 515 50ML	H06C3	\$20.00	\$80.00
5.00	CAS	S118383X	ROLL OF 16 FT	X04E	\$21.00	\$105.00

Total Parts \$2,045.90

Tax \$5.80
Total WO \$8,926.70

TITAN MACHINERY

TITAN MACHINERY
P.O. Box 478 - 104 Hwy. 15
NORTHWOOD, NORTH DAKOTA 58267
(701) 587-6116
We Appreciate Your Business
Valley Headquarters for Bean Equipment



SOLD TO
18196 HONG BROTHERS
SCOTT HONG
16118 11TH. ST. NE
BUXTON, ND 58218-9707

SHIP TO

CASE IH 5500 SN: ZDF135847 HR 6127.6 W:00
Sold By: LEXY PO #: 5500 Date 5/26/20 WORK ORDER WO64379
Ship By: Tax #: 11:25:50 Open

Tax	D	Qty	Description	Price	Amount		
ENGINE REBUILD Removed left and right engine side shields, removed engine hood, drained engine coolant, removed engine hood frame, drained engine oil, removed the driveshaft from engine to transmission, removed hydraulic connection for engine mounted pump, removed engine belt, removed A/C compressor and mount removed starter, removed engine from machine, installed engine to engine stand, removed valve cover, removed valve train, removed over head fuel systems-injectors and tubes, removed camshaft from cylinder head, removed cylinder head from engine, removed engine oil pan, removed flywheel from engine, removed engine rear plate, swap parts from one engine to the other, removed engine from engine stand, installed short block on the engine stand, cleaned rear engine plate installed rear engine plate, installed new rear main seal, installed flywheel, set cylinder off to be resurfaced, valves replaced, camshaft bearings replaced, valve guides replaced-all of this cylinder head work was done by outside vendor installed new front main seal and o-ring, installed cylinder head with new head gasket, torqued the cylinder head to spec, installed camshaft and seals and o-rings, installed over head valve train, set the timing of the engine, set fuel injectors in to be calibrated injectors were too worn, replaced injectors, installed fuel rail, replaced all fuel rail tubes-per service manual, set valve lash, installed valve cover, cleaned engine oil pan, installed engine oil pan with new gasket, filled the engine with correct amount of oil, installed the engine drive belt, installed the engine back in the machine, installed A/C compressor and mount, installed engine mounted hydraulic pump, installed starter, installed drive shaft from engine to transmission, installed engine hood frame, refilled the engine with new coolant primed fuel system, started machine and ran for 6 hours varying the throttle speeds, checked for oil leaks, installed engine hood, installed left and right engine side shields.							
PARTS SHOP							
Z		1	CAS 8094254ER	REMAN-SHORT	17175.00 17175.00		
Z		1	CAS 8094254EPAC	CORE	1000.00 1000.00		
Z		1	CAS 8094254EPAC	CORE	1000.00 1000.00		
Z		1	-CAS 8094254EPAC	CORE	1000.00 1000.00		
Z		12	CAS 504375600	GUIDE VALV 1100	14.00 168.00		
Z		1	CAS 504078223	BUSHING 1302	50.00 50.00		
Z		6	CAS 504078222	BUSHING 1302	33.50 201.00		
Z		24	CAS 504110997	SPRING VAL	14.00 336.00		
Z		12	CAS 500355778	VALVE, ENGIN	45.00 540.00		
Z		12	CAS 5801784358	STD EXHAUST	74.00 888.00		

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18196 HONG BROTHERS
SCOTT HONG
16118 11TH. ST. NE
BUXTON, ND 58218-9707

SHIP TO

CASE IH 550Q SN: ZDF135847 HR 6127.6 W:00
Sold By: LEXY PO #: 550Q Date 5/26/20 WORK ORDER WO64379
Ship By: Tax #: 11:25:50 Open

Tax	D	Qty	Description	Price	Amount
Z		24	CAS 504107641 CUP	2.80	67.20
Z		24	CAS 5801663526 SEAL, OIL	1.75	42.00
Z		50	CAS 14196370 COTTER, ROC	.55	27.50
Z		24	CAS 98473050 PLATE, COTT	5.10	122.40
Z		12	CAS 5801388686 STD EXHAUST 1100	15.00	180.00
Z		12	CAS 504362587 VALVE SEAT 1100	20.00	240.00
Z		1	CAS 504373512 PIPE INJEC	86.00	86.00
Z		1	CAS 504373513 PIPE INJEC	81.00	81.00
Z		1	CAS 504373514 PIPE INJEC	86.00	86.00
Z		1	CAS 504373515 PIPE INJEC	86.00	86.00
Z		1	CAS 504373516 PIPE INJEC	81.00	81.00
Z		1	CAS 504373517 PIPE INJEC	86.00	86.00
Z		1	CAS 504373497 PIPE INJEC	89.00	89.00
Z		1	CAS 504373498 PIPE INJEC	89.00	89.00
Z		1	CAS 504384387 PIPE, INJEC 1703	96.00	96.00
Z		1	CAS 504384385 PIPE, INJEC DD-007	95.00	95.00
Z		1	CAS 8097835 KIT ENGINE	2575.00	2575.00
Z		12	CAS 504375602 GUIDE VALV 1100	13.00	156.00
			** TOTAL PARTS SHOP		24643.10
			MISC. SUPPLIES		
R			SHOP SUPPLIES		125.00
			DISCOUNT LABOR		
L			SHORT BLOCK REPLACEMENT		14242.50

** SUBTOTAL 39010.60

X _____ Charge Sale

PAY THIS
AMOUNT



\$39010.60