



"Committed to Customer Crane Care Since 1977"

Cropac Equipment Inc.
202-19th Avenue
Nisku, Alberta T9E 0W8
TEL: (780) 955-8862
FAX: (780) 955-8855
1-800-427-6722

PLEASE FORWARD ALL ATTACHMENTS TO:
Head Office
Cropac Equipment Inc.
1007 South Service Road West
Oakville, ON Canada L6L 6R3
1-800-4CROPAC

Ship to:

SAME AS BELOW

*B22-38
MAY*

Invoice to:

JONNY'S LIGHT OILFIELD HAULING LTD.
BOX 214
2120 SPARROW DRIVE
NISKU AB T9E 8A2

Branch		
CROPAC WEST		
Date	Time	Page
02/06/26	13:35:33 (O)	01
Account No.	Phone No.	Invoice No.
		S10433
Ship Via	Purchase Order	
	PO REQUIRED	
	Salesperson	
	PC	

SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
E002615	Manitex 4596T	17926	190797		
UNIT #89	4596T		X 5KKUALDR5CPBL2077		

SEGMENT# 1 5 620 N/A 12/15/25 12/15/25

CHANGE LOAD LINE. CHECK BLOCK GREASE AND HEATER NOT WORKING
HYDRAULIC LEAK, CLEAN OUTRIGGER REMOTE AND TWO TUBES OF LOW
TEMPERATURE GREASE

12/15/2025 579 & 619 11.25 Hrs
Replaced the load line and tested. Worked on trying to get
heater to work. Found a bunch of broken and corroded wires
underneath cab. Repaired and tested, found switch getting
power but nothing working. Ordered a new switch.

12/16/25 619 4.0 Hrs
Removed the bracket to verify the heater type. Ordered the
correct Digikey. Installed new display/control. Reinstalled
the heater bracket then changed the bracket for the
display. Attempted to run the heater, to fire, getting fuel
and power just no flame. Reconnected and cleaned up for
customer to pick up.

12/17/2025 377 & 434 & 611 & 619 11.75 Hrs
Customer returned with the same problem. Disassembled the
block, cleaned the parts and greased the sheaves with low
temperature grease. Started to reassemble the block.
Repaired bird nested load line and tested with new block.
Removed heater for rebuild.

12/18/2025 377 & 619 8.0 Hrs
Finished assembling the block. Installed rebuilt heater.
Replaced and repaired the venting. Tested the heater, blows
good heat. Restrung cleaned and greased block. Tested the
block and winch line. Parked out front for the customer.

12/23/2025 596 & 620 6.25 Hrs
Drove to location in Nisku. Signed into site location.

#89 file

CONTINUED ON PAGE 02

I HEREBY AUTHORIZE THE ABOVE WORK TO BE DONE ALONG WITH THE USE OF NECESSARY MATERIALS. YOU AND YOUR EMPLOYEES MAY OPERATE ABOVE MACHINE (OR COMPONENT) FOR PURPOSES OF TESTING, INSPECTION OR DELIVERY AT MY RISK. TERMS: NET 30 DAYS FROM DATE OF INVOICE ON APPROVED CREDIT ACCOUNT. (MACHINE, ATTACHMENTS AND RENTALS DUE IN ADVANCE.) INTEREST CHARGED AT THE RATE OF 2% PER MONTH (24% PER ANNUM) ON PAST DUE ACCOUNTS. TITLE TO ALL ITEMS REMAINS WITH CROPAC EQUIPMENT INC. UNTIL PURCHASE PRICE, INTEREST AND OTHER CHARGES ARE FULLY PAID.

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Branch			
CROPAC WEST			
Date	Time	Page	
02/06/26	13:35:33 (O)	02	
Account No.	Phone No.	Invoice No.	
		S10433	
Ship Via		Purchase Order	
		PO REQUIRED	
		Salesperson	
		PC	

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
E002615	Manitex 4596T	17926 190797		
UNIT #89	4596T	X 5KKUALDR5CPBL2077		

Drove over to picker unit. Checked with operator regarding the crane issues, leaking oil and the swing is not functioning properly. Checked over crane while the operator was completing a lift. Notice the winch drum is leaking on motor side. Nothing else is leaking at the moment. The Operator completed lift, so he wanted to test the swing function. Had him lock the house and swung over relief. Swing brake hose is leaking, four inches back from brake. Rubbed hole through the hose. Can still work as long as the pressure is low to swing. Informed the operator of the problem. They had one lift left to perform then wanted us there in case hose blew. Monitored the crane while they completed their last lift. Drove back to shop. Operator mentioned that outrigger remote control is sticking and windshield washer system not working. Completed paperwork. Customer dropped off crane in the afternoon, hydraulic swing hose on the swivel was leaking a lot, rubbed against the swivel and under high pressure the hose was leaking. Fabricated then replaced the hose with a new one, reroute hydraulic hose to avoid any friction, topped up the hydraulic oil approximately 90L, tested the crane outside, no leak detected around the swivel. Cleaned the outrigger remote, buttons were sticking, put the remote in the driver side door.

GH781-04	HOSE HYDRAULIC	3	5.95	17.85
LT-2	LOW TEMP GREASE	1	37.35	37.35
WR16-35X7-400	W/R 16MM 35X7	1	2577.14	2577.14
02-33410B4901	ISO 22 BULK	90	5.08	457.20
1AA4FR4	4 OFS CRIMP	2	14.65	29.30
20-2800-70-1500	DIGI MAX TIMER	1 N	200.00	200.00

CONTINUED ON PAGE 03

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SAME AS BELOW

Invoice to:

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 BOX 214
 2120 SPARROW DRIVE
 NISKU AB T9E 8A2

Branch CROPAC WEST		
Date 02/06/26	Time 13:35:33 (O)	Page 03
Account No.	Phone No.	Invoice No. S10433
Ship Via	Purchase Order PO REQUIRED	
		Salesperson PC

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
E002615 Manitex 4596T	17926	190797		
UNIT #89 4596T		X 5KKUALDR5CPBL2077		
25-2069-01-0003		GASKET, BLOWER	1 11.13	11.13
25-2069-01-0200		FLAME SENSOR	1 163.77	163.77
25-2069-01-1300		GLOW PIN W/WREN	1 338.57	338.57
25-2069-06-0001		GASKET SEAL	1 7.61	7.61
25-2069-10-0102		SCREEN	1 23.00	23.00
4000965.504		RHEOSTAT CNTRL	1 N 490.62	490.62
		PARTS		4353.54
		LABOR		7435.00
1002002		SEGMENT TOTAL==>		11788.54

***** WORK ORDER TOTALS *****

PARTS	4353.54
LABOR	7435.00
SHOP & ENVR FEE	743.50
SUB TOTAL==>	12532.04
GST# R101209278	626.62
TOTAL CHARGE	13158.66

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X _____



WESTERN STAR TRUCKS (NORTH) LTD.

Address: 24210 - 114 Avenue | Acheson, AB T7X 6B9
Phone: 780-453-3452 | Toll Free: 1-800-252-7500 | Fax: 780-701-2272

Visit us online at www.wsnorth.com

Remit To: 24210 - 114 Avenue | Acheson, AB T7X 6B9

GST: 893297082

Invoice: 0010343005
Date / Hour: 2024-01-25 3:53:24PM
Repair Order: 43005
Customer:
Branch: WSN
Total Invoice: \$17,416.61
DIRECT DEPOSIT

89

Page 1

Bill To: JONNYS LIGHT OILFIELD HAULING LTD
BOX 214
SPARROW DRIVE
NISKU, AB T9E 8A2

Ship To: JONNYS LIGHT OILFIELD
HAULING LTD
BOX 214
NISKU, AB T9E 8A2
Office Phone: 7809559399
Email: ap@jonnys.ca

Work: 7809559399

Customer P/O: 89

Open Date: 01/18/2024

Completion Date: 01/25/2024

Add User: TCARLTON

Salesperson: HOUSE

Unit Number: 89

Model Year: 2012

Make/Model: WST 4900SB

Type: TRUCK

VIN: 5KKUALDR5CPBL2077

Meter: 203098 Kilometers

In-Service Date: 08/14/2012

ECM Reading: 19728

Task: 1 60-100005.01 DETROIT RECALL CAMPAIGN

Department: SERVICE

Complaint: RECALL CAMPAIGN ** FL908 A - WIDE BASE TIRE AND WHEEL COMBINATION CALL CUSTOMER AND INFORM HIM ABOUT THIS RECALL AND SEE WHAT HE SAYS, MAY NEED TO REBOOK
Cause: RECALL CAMPAIGN

Supp.	Part	Description / Ref Number	U/M	Quantity	Price	Extended Price
	SS SVC	SHOP SUPPLIES		1.0	\$0.00	\$-
				Task 1 Subtotals	Parts:	\$0.00
					Labor:	\$0.00
				Task 1 Subtotals		\$0.00

Task: 2 07-000001.0 PERFORM EXPRESS ASSESSMENT

Department: SERVICE

Complaint: PERFORM EXPRESS ASSESSMENT ** CHECK AND ADVISE CUSTOMER HAS 2 CHECK ENGINE LIGHTS AND THEN THE RED STOP ENGINE LIGHT COMES ON AND SHUTS THE TRUCK DOWN. HE LIMPED THE TRUCK HERE.
Correction: CONNECTED TO UNIT AND PRINTED FAULT CODES. PLACED PRINT OUTS IN WORK ORDER. BROUGHT UNIT INTO SHOP. PRINTED FAULTS. UNIT HAS ACTIVE 1077/14 LEAKAGE IN HIGH PRESSURE SYSTEM. INSPECTED UNIT FOR FUEL LEAKS NONE-PRESENT. CHECKED OIL LEVEL TO SEE IF THERE IS FUEL IN OIL DOES NOT APPEAR TO BE OVER FULL. BROUGHT UNIT OUTSIDE TO GET UP TO OPERATING TEMP AND THEN PERFORMED FSIC AND FSIC WOULD NOT WORK AS UNIT HAS MODIFIED MCM. UNIT WILL HAVE TO GO TO MAIN SHOP. STARTED TROUBLESHOOTING FAULT FROM STEP 9 AS PER WIP. UNIT IS DELETED, INSTALLED BREAKOUT HARNESS AND PROGRAMMED TEST MCM TO OEM. PREFROMED PLV FLOW TEST, UNIT HAS NO FUEL LOSS FROM PLV. CAPPED EACH INJECTOR, ONE AT A TIME, PREFORMED PLV LEAK TEST, ALL SIX INJECTORS FAILED TEST AS PER TROUBLESHOOTING CONTINUED ONTO STEP 12, CAPPED ALL SIX INJECTORS AND CRANKED UNIT FOR 10 SECONDS, RAIL PRESSURE REACHED A MAXIMUM OF 387 BAR. AND BLED DOWN TO 293, TROUBLESHOOTING LEADS TO REPLACING ALL SIX INJECTORS, HOWEVER HIGH-PRESSURE PUMPS OUTPUT IS VERY LOW. INSTALLED ALL SIC INJECTOR LINES AND COMPLETED FSIC TEST, FSIC WAS NOT COMPLETED AS FUEL PUMP COULD NOT SUPPLY 400 BARS. SUBMITTED QUOTE FOR FUEL PUMP. AND REQUIRED PARTS FOR REPLACEMENT. MOVED UNIT TO WASH BAY, WASHED THE ENGINE AND PARKED UNIT IN SHOP. FILLED COOLANT AS MUCH AS COULD WITHOUT STARTING UNIT. REMOVED AND REPLACED HPFP WITH NEW REMAN UNIT. DRAINED COOLANT. REMOVED INTAKE MANIFOLD TO GAIN BETTER ACCESS TO THE FUEL FITLER MODULE. REMOVED FUEL FILTER MODULE (HAD TO LOOSEN POWER STEERING RESIVOR BRAKCTET BOLTS TO GAIN CLEARANCE. REMOVED HPFP. SWAPPED GEAR TO NEW PUMP. CLEANED SEALING SURFACES AND INSTALLED HPFP FOLLOWING PROCEDURE. INSTALLED FUEL FILTER MODUEL. INSTALLED INTAKE PIPEING. INSTALLED INTAKE MANIFOLD TIGHTEND POWER STEERING RESIVOR BOLTS. INSTALLED NEW HIGH PRESSURE FEED LINES. PRIMED FUEL SYSTEM FILLED UNIT WITH COOLANT. STARTED UNIT CHARTED RAIL PRESSURE WAS ABLE TO ACHIVE 740 BAR WITH THROTTLE STAB. MARKED FAILED HPFP FOR CORE. WASHED ENGINE OFF, TOPPED UP COOLANT, TOOK FOR R/T WITH COMPUTER HOOKED UP TO HAVE LOG FILE HAD TO COME BACK TO TOP UP COOLANT AGAIN, COMPLETED R/T UNIT HAD GOOD POWER 30-31PSI OF BOOST AND NO LEAKS FOUND AFTER R/T

Supp.	Part	Description / Ref Number	U/M	Quantity	Price	Extended Price
	DDE CA4700902150	HP PUMP CORE	EA	-1.0	\$546.00	\$(546.00)
	DDE A0029974271	FITTING, Coolant Line	EA	2.0	\$46.42	\$92.84
	DDE A0179978945	O-RING, DD15 HP pump to timing case	EA	1.0	\$32.06	\$32.06

** See Last Page for Invoice Total **



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Remit To: 24210 - 114 Avenue | Acheson, AB T7X 6B9
GST: B92297052

Invoice: 0010343005
Date / Hour: 2024-01-25 3:53:24PM
Repair Order: 43005
Customer:
Branch: WSN
Total Invoice: \$17,416.61
DIRECT DEPOSIT

Page 4

Bill To: JONNYS LIGHT OILFIELD HAULING LTD
BOX 214
SPARROW DRIVE
NISKU, AB T9E 8A2

Ship To: JONNYS LIGHT OILFIELD HAULING LTD
BOX 214
NISKU, AB T9E 8A2
Office Phone: 7809559399
Email: ap@jonnys.ca

Work: 7809559399

Customer P/O: 89

Open Date: 01/18/2024

Completion Date: 01/25/2024

Add User: TCARLTON

Salesperson: HOUSE

Task 4 Subtotals

\$9,773.01

Task: 5 01-000001.01 HVAC SYSTEM HEATER & A/C DIAGNOSE

Department: SERVICE

Complaint: NO HEAT IN CAB. CHECK AND ADVISE

Correction: TESTED OPERATION OF CAB HEAT MEASURED VENT TEMP AT 138F MEASURED TEMP OF COOLANT GOING INTO HEATER CORE IS 140F THIS IS WITHIN SPEC CANNOT RECREATE COMPLAINT AT THIS TIME. NO ACTION TAKEN AT THIS TIME. DURING R/T FOUND NO ISSUES WITH HEATER AFTER R/T CHECKED VENT TEMP. AT 158F

Supp.	Part	Description / Ref Number	U/M	Quantity	Price	Extended Price
	SS SVC	SHOP SUPPLIES		1.0	\$0.00	\$-
				Task 5 Subtotals	Parts:	\$0.00
					Labor:	\$0.00
				Task 5 Subtotals		\$0.00

Detail Tax Info:

GST \$829.37
Total: \$829.37

Total Parts:	\$8,853.79
Total Core Charge:	\$2,886.00
Total Core Ret:	\$(546.00)
Total EHC:	\$0.20
Total Labor:	\$5,083.24
Total Miscellaneous:	\$310.01
Invoice Subtotal:	\$16,587.24
Total Tax:	\$829.37
Total Invoice:	\$17,416.61

Payment Method Terms Due Date
DIRECT DEPOSIT ON RECEIPT 2024-01-25

Remit To:
WESTERN STAR TRUCKS ACHESON
24210 - 114 AVENUE
ACHESON, AB T7X 6B9



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 SAME AS BELOW

Invoice to:
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 BOX 214
 2120 SPARROW DRIVE
 NISKU AB T9E 8A2

Branch CROPAC WEST		
Date 02/06/24	Time 13:48:16 (O)	Page 01
Account No.	Phone No.	Invoice No. S9024
Ship Via	Purchase Order PO REQUIRED	
		Salesperson PC

SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
E002615	Manitex 4596T	17926E	190797		
UNIT #89	4596T		X 5KKUALDR5CPBL2077		

SEGMENT# 1 5 352 N/A 01/24/24 01/24/24

CRANESMART/LMI ISSUES

01/24/2024 213 1.0 Hrs

Repaired CraneSmart issue - no length reel function.

Removed the receiver and battery, inspected and cleaned.

Tested - all working properly

1002002

LABOR	165.00
SEGMENT TOTAL==>	165.00

***** WORK ORDER TOTALS *****

LABOR	165.00
SHOP & ENVR FEE	50.00
SUB TOTAL==>	215.00
GST# R101209278	10.75
TOTAL CHARGE	225.75

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