

Midwest Machinery Co.
5845 Keats Avenue S.W.
Howard Lake, MN 55349
Phone: (320) 543-2170
Fax: (320) 543-2482



MIDWEST
MACHINERY CO

www.mmcjd.com



JOHN DEERE

Invoice To Account No: 100629

SERVICE INVOICE

NEATON BROTHERS EROSION LLC
CHRIS J NEATON
2165 SALLY AVE
PO BOX 879
WATERTOWN MN 55388
Phone Number: (320)224-0653

Invoice Number: 10151138
Invoice Date: 07/31/2024
Location: 02
Work Order Number: 938241
Payment Type: Finance
Page: 1 of 3

Make/Model:	Meter	Serial Number:	EQ Id:	Fleet No:
JOHN DEERE 4930	4562	N04930X004464	N004930X00446	

/SPRAYER-GEN1 Retail

COMPLAINT:

SERVICE CALL

-Hydro pump surges

CAUSE:

-Possible hydro pump failure

CORRECTION:

- Drove out to customer location
- Checked neutral charge pressure, 500 psi
- Checked forward and neutral charge pressure, stayed at 500 psi
- Checked front right final and it had fresh oil
- Noticed front spindle bearings are severely worn
- Removed both hydrostatic filters and found metal and brass
- Talked with Dan Neaton and he will be hauling machine to MMC shop
- Drove back to MMC shop

Labor: \$462.50	Parts: \$0.00	OL&M: \$0.00	Misc: \$0.00	Sub-Total: \$462.50
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/SPRAYER-GEN2 Retail

COMPLAINT:

DIAGNOSE AND QUOTE.

CAUSE:

-Control valve and pump failure

CORRECTION:

- Hooked up gauges and watched pressures
- Pressures were good but surges when handle is pushed all the way forward
- Unplugged wheel motors to test all wheel motors
- Found issue to be in pump control
- Adjusted control cable and ran machine but nothing changed
- Control valve is not serviceable but replaceable
- If not, servo piston is the issue in the pumps and will require replacement or rebuild at a shop
- Quoted pump replacement
- Quoted front end work

PartNumber	Description	Quantity	List Price	Extended Price	Taxed Ind
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AN207368	HYDRAULIC	2.00	111.27	\$206.96	N
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Labor: \$1,748.25	Parts: \$206.96	OL&M: \$0.00	Misc: \$0.00	Sub-Total: \$1,955.21
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/SPRAYER-GEN3 Retail

COMPLAINT:

REPAIR

CAUSE:

CORRECTION:

- Hooked vacuum pump to hydraulic system
- Unbolted control valve
- Removed hydraulic propel hose
- Control valve was really stuck on the pump
- Removed and installed new control valve
- Ran machine
- Swapped control bracket
- Installed control linkage
- Filled with hydraulic oil
- Bled air out of hydraulics
- Ran machine
- Machine is easier to control but still surges occasionally
- Pumps will need to be replaced

PartNumber	Description	Quantity	List Price	Extended Price	Taxed Ind
AN209068	Control Valve	1.00	5,733.39	\$5,332.05	N
TY26671	10W30 PLUS-50 5gl	3.00	128.41	\$358.26	N

Miscellaneous Charges:

Shop Supplies	\$50.45
Enviromental Fee	\$25.00

Labor: \$1,152.55	Parts: \$5,690.31	OL&M: \$0.00	Misc: \$75.45	Sub-Total: \$6,918.31
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Finance Information

Customer PO No: 4930
Tax Exempt No: 19ST3-LOCM
Advisor: S221

Type: Farm Plan Auth No: 765041
Merchant No: 44000234
Card No: xxxxxxxxxxxx5536
Bill Code: 715 - JD SPRAYING PARTS/SERVICE
Credit Plan: 249 - PURCHASE

Labor:	\$3,363.30
Parts:	\$5,897.27
OL&M:	\$0.00
Misc:	\$75.45
Sales Tax:	\$0.00
Total:	\$9,336.02

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TERMS AND CONDITIONS

This purchase(s) is subject to the terms of the Multi-Use Account, a service of John Deere Financial, f.s.b. I grant the issuer a purchase money security interest, except as limited in that agreement, in the goods described.

Received by:

Date: