

Midwest Machinery Co.
1710 N. Franklin
Glénwood, MN 56334
Phone: (320) 634-5151



Invoice To Account No: 90070989

Deliver To:

SERVICE INVOICE

MEIXEL FARMS
CHARLES MEIXEL
21679 320TH AVE
STARBUCK MN 56381

Bus Phone: 320-239-2934
Prv Phone: 320-239-2934

MEIXEL FARMS
21679 320TH AVE
STARBUCK MN 56381

Bus Phone: 320-239-2934
Prv Phone: 320-239-2934

Invoice Number: **2095858**

Invoice Date: 03/18/2020

Location: 05

Work Order Number: 357358

Payment Type: Account

Page: 2 of 2

Make/Model:

Meter

Serial Number:

EQ Id:

Fleet No:

JOHN DEERE 9560RT

6025

1RW9560RJDP903151

33708ell

Customer PO No:

Tax Exempt No: 19ST3-LOCM

Advisor: DARRELL OELTJEN

Labor: \$1,647.00

Parts: \$2,157.61

OL&M: \$0.00

Misc: -\$307.22

Sales Tax: \$0.00

Total: \$3,497.39

TERMS AND CONDITIONS

Received by:

Date:

Midwest Machinery Co.
1710 N. Franklin
Glenwood, MN 56334
Phone: (320) 634-5151



Invoice To Account No: 90070989

Deliver To:

SERVICE INVOICE

MEIXEL FARMS CHARLES MEIXEL 21679 320TH AVE STARBUCK MN 56381	MEIXEL FARMS 21679 320TH AVE STARBUCK MN 56381	Invoice Number: 2095858
Bus Phone: 320-239-2934	Bus Phone: 320-239-2934	Invoice Date: 03/18/2020
Prv Phone: 320-239-2934	Prv Phone: 320-239-2934	Location: 05
		Work Order Number: 357358
		Payment Type: Account
		Page: 1 of 2

Make/Model:	Meter	Serial Number:	EQ Id:	Fleet No:
JOHN DEERE 9560RT	6025	1RW9560RJD903151	33708ell	

Gen- Retail

COMPLAINT:

01 General Repairs

Handwritten: 9560

CAUSE:

CORRECTION:

checked over, took fan off, took fan drive off, put new bushings in and cleaned old grease from housing, installed fan drive and greased. installed new fan belt, fan and shields. drained hydraulic reservoir, rear axle and transmission oil. changed all hydraulic and transmission oil filters, pre filled transmission, filled rear axle and reservoir. ran and topped off oil as needed. recovered AC, did leak test, replaced o rings on compressor fittings. pulled into vacuum, charged up and made sure it was operating properly.

PartNumber	Description	Quantity	Net Price	Extended Price	Taxed Ind
51M7089	O-RING	1.00	\$1.70	\$1.70	N
51M7090	O-Ring	1.00	\$1.87	\$1.87	N
AR69445	HYGARD QUART	281.00	\$3.02	\$848.62	N
R300399	V-Belt	1.00	\$91.60	\$91.60	N
R335491	Wear Ring	1.00	\$52.81	\$52.81	N
R335492	WEAR RING	1.00	\$56.59	\$56.59	N
RE300797	SEAL	1.00	\$26.04	\$26.04	N
RE300803	SEAL	1.00	\$21.91	\$21.91	N
RE323446	Bracket	1.00	\$85.58	\$85.58	N
RE573035	LEVEL GAUG	1.00	\$181.48	\$181.48	N
RE577250	Hydraulic Filter	1.00	\$78.97	\$78.97	N
RE577560	BREAKAWAY	1.00	\$104.00	\$104.00	N
RE577612	FILTER ELE	4.00	\$77.33	\$309.32	N
TY15951	R134A FREON OUNCE	80.00	\$1.40	\$112.00	N
TY25744	GREASE	1.00	\$10.23	\$10.23	N
TY25879A	Wet Charged Battery 31	1.00	\$174.89	\$174.89	N
Miscellaneous	Description	Quantity	Net Price	Extended Price	Taxed Ind
S3970F	FIELD TEAM LABOR CREDIT	1.00	-\$350.00	-\$350.00	N

Miscellaneous Charges:

Shop Supplies	\$24.70
Environmental Fee	\$18.08

Labor: \$1,647.00 Parts: \$2,157.61 OL&M: \$0.00 Misc: -\$307.22 Sub-Total: \$3,497.39

GV 1474

Midwest Machinery Co.
1710 N. Franklin
Glenwood, MN 56334
Phone: (320) 634-5151



Invoice To Account No: 90070989

SERVICE INVOICE

MEIXEL FARMS
CHARLES JAMES MEIXEL
21679 320TH AVE
STARBUCK MN 56381

Phone Number: (320)239-2934

Invoice Number: **9091391**

Invoice Date: 04/12/2022

Location: 05

Work Order Number: 751529

Payment Type: Pre-Paid

Page: 1 of 1

Make/Model:	Meter	Serial Number:	EQ Id:	Fleet No:
JOHN DEERE 9560RT	6962	1RW9560RJD903151	33708ell	

/FIELD-TRACTOR-INSP

COMPLAINT:

FIELD TEAM TRACTOR INSPECTION

INSPECTION CHECK LIST LOCATED ON MMC CONNECT
OFFSEASON INSPECTION PROGRAM

CAUSE:

CORRECTION:

Checked over tractor.

Customer PO No:
Tax Exempt No: 19ST3-LOCM
Advisor: MICHAEL PEDERSON

This Work Has Been Pre Paid As Part
of Agreement Number:

TERMS AND CONDITIONS

Received by:

Date:

Midwest Machinery Co.
1710 N. Franklin
Glenwood, MN 56334
Phone: (320) 634-5151



Invoice To Account No: 90070989

SERVICE INVOICE

MEIXEL FARMS
CHARLES JAMES MEIXEL
21679 320TH AVE
STARBUCK MN 56381

Phone Number: (320)239-2934

Invoice Number: 9091387

Invoice Date: 04/12/2022

Location: 05

Work Order Number: 751529

Payment Type: Account

Page: 2 of 2

Make/Model:	Meter	Serial Number:	EQ Id:	Fleet No:
JOHN DEERE 9560RT	6962	1RW9560RJD903151	33708ell	

RE577560	COUPLER FEMALE	2.00	117.32	\$234.64	N
RE584535	Pneumatic Control Valve	1.00	382.63	\$382.63	N
T77814	O-RING	3.00	1.53	\$4.59	N
TY22474	CLAMP	1.00	1.74	\$1.74	N
TY27086	Guard	1.00	5.63	\$5.63	N
TY5021	ELECTRICAL TAPE	1.00	4.93	\$4.93	N
<u>Miscellaneous</u>	<u>Description</u>	<u>Quantity</u>	<u>List Price</u>	<u>Extended Price</u>	<u>Taxed Ind</u>
P3750	FREIGHT	1.00	55.45	\$55.45	N
S3792	HARDWARE/ELECTRICAL	1.00	8.00	\$8.00	N
S3970F	FIELD TEAM LABOR CREDIT	1.00	0.00	-\$350.00	N

Miscellaneous Charges:

Shop Supplies	\$49.35
Environmental Fee	\$21.87

Labor: \$3,290.00 Parts: \$2,473.56 OL&M: \$0.00 Misc: -\$215.33 Sub-Total: \$5,548.23

Customer PO No:
Tax Exempt No: 19ST3-LOCM
Advisor: S547

Labor: \$3,290.00
Parts: \$2,473.56
OL&M: \$0.00
Misc: -\$215.33
Sales Tax: \$0.00
Total: \$5,548.23

TERMS AND CONDITIONS

Received by:

Date:

Midwest Machinery Co.
1710 N. Franklin
Glenwood, MN 56334
Phone: (320) 634-5151



Invoice To Account No: 90070989

SERVICE INVOICE

MEIXEL FARMS CHARLES JAMES MEIXEL 21679 320TH AVE STARBUCK MN 56381 Phone Number: (320)239-2934		Invoice Number: 9091387 Invoice Date: 04/12/2022 Location: 05 Work Order Number: 751529 Payment Type: Account Page: 1 of 2		
Make/Model:	Meter	Serial Number:	EQ Id:	Fleet No:
JOHN DEERE 9560RT	6962	1RW9560RJD903151	33708ell	

Gen- Retail

COMPLAINT:

02 General Repairs

CAUSE:

CORRECTION:

Replaced air seat compressor. Replaced fan drive belt and bushings in drive pulley and driven pulley. Pressurized cooling system and found leak at top radiator hose connection, repositioned clamp and added a second clamp, ok. Two track idler wheel covers were stripped out, replaced covers, filled all inside idler wheels with oil. Replaced both stops on 3 point hitch arms. Inside right headlight did not work, cleaned connection, ok. Air compressor for suspension would not build up, found control valve was bad, replaced control valve, pumped up suspension and calibrated. Fuel gauge would not read correctly, checked wiring, all checked out, replaced fuel sender, ok. When checking A/C pressures one of the shade valves would not seal back up. Recovered system, replaced valve and refilled system. Checked wiring at rear of tractor, found several wires worn through or insulation cracking, repaired wires. Beacon did not work, cleaned connection, ok. Updated software. Drove tractor to make sure tracks were aligned, left track needed to be adjusted, adjusted track and rechecked, ok. Customer said GPS would cut out every once in a while, installed a globe and took outside, drove around and made sure gps was working correctly and everything was setup as it should be. Checked globe connector on tractor, all ok. Greased.

PartNumber	Description	Quantity	List Price	Extended Price	Taxed Ind
19M7775	FLANGE BOLT M6X16	1.00	1.08	\$1.08	N
57M10525	Elec. Connector Terminal	3.00	1.90	\$5.70	N
57M10846	Elec. Connector Terminal	2.00	2.76	\$5.52	N
57M8165	Elec. Connector Terminal	2.00	1.63	\$3.26	N
57M8543	ELEC. CONN	1.00	0.90	\$0.90	N
AL68589	DRAIN VALVE	1.00	33.78	\$33.78	N
AR69445	HYGARD SHOP OIL (QT)	5.00	4.47	\$22.35	N
L53827	Ring	1.00	2.48	\$2.48	N
L63816	Washer	1.00	19.56	\$19.56	N
R207661	BUMPER	2.00	103.57	\$207.14	N
R253516	Cover	2.00	121.11	\$242.22	N
R254440	O-RING	1.00	10.11	\$10.11	N
R300399	V-Belt	1.00	110.79	\$110.79	N
R335491	Wear Ring	2.00	64.43	\$128.86	N
R335492	WEAR RING	2.00	71.05	\$142.10	N
R56751	O-RING	1.00	2.23	\$2.23	N
RE300797	SEAL	2.00	38.25	\$76.50	N
RE300803	SEAL	2.00	32.42	\$64.84	N
RE301595	Fuel Sender	1.00	243.50	\$243.50	N
RE331260	Compressor Kit	1.00	412.38	\$412.38	N
RE46684	FITTING PLUG	2.00	6.93	\$13.86	N
RE509381	Drain Valve	1.00	90.24	\$90.24	N

CONTINUED ON NEXT PAGE->

Midwest Machinery Co.
380 Atlantic Avenue
Benson, MN 56215
Phone: (320) 843-2610



Invoice To Account No: 90070989

SERVICE INVOICE

MEIXEL FARMS
CHARLES JAMES MEIXEL
21679 320TH AVE
STARBUCK MN 56381

Phone Number: (320)239-2934

Invoice Number: **9865637**
Invoice Date: 11/27/2023
Location: 16
Work Order Number: 890518
Payment Type: Account

Page: 1 of 1

Make/Model:	Meter	Serial Number:	EQ Id:	Fleet No:
JOHN DEERE 9560RT	8320	1RW9560RJD903151	33708ell	

Gen- Retail

COMPLAINT:

01 General Repairs

CORRECTION:

Drove to Field location and verified customer complaint. Found the torsional dampner had failed. Removed flywheel covers and engine relay center. Removed the bolts from the drive shaft and the torsional dampner hardware. Removed the dampner and inspected tractor for damage. Cleaned flywheel and installed new dampner. Mounted dampner with new hardware. Installed driveshaft and torqued all hardware. Installed the engine relay center and the flywheel cover. Ran tractor and verified it worked as it should.

PartNumber	Description	Quantity	List Price	Extended Price	Taxed Ind
R45693	CAP SCREW	10.00	3.37	\$33.70	N
R564047	Ring	1.00	84.47	\$84.47	N
RE584547	Torsional	1.00	1,655.49	\$1,655.49	N

Miscellaneous Charges:

Shop Supplies	\$15.71
Environmental Fee	\$17.74

Labor: \$1,047.34 Parts: \$1,773.66 OL&M: \$0.00 Misc: \$33.45 Sub-Total: \$2,854.45

Customer PO No:
Tax Exempt No: 19ST3-LOCM
Advisor: S1641

Labor: \$1,047.34
Parts: \$1,773.66
OL&M: \$0.00
Misc: \$33.45
Sales Tax: \$0.00
Total: \$2,854.45

TERMS AND CONDITIONS

Received by:

Date:

ENGINE
SERIAL NUMBER: 903151
EQUIP NUM: 903151
DEERE 9560RT

E600-53332-0190

No Action Required

Report Comment

Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8bREJUIs>

Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or component thereof.



ZIEGLER CAT - 901 W 94th Street Minneapolis, MN 55420-4299 USA

PHONE: 952-887-5830

Web: www.zieglercat.com Email: fluidlab@zieglercat.com

SERIAL NUMBER: 903151

EQUIP NUM: 903151

DEERE 9560RT

No Action Required

Interp By: Chrs Gillis
Interpreted On: 28-Nov-23

RESULTS OF LATEST SAMPLE INDICATE ELEMENTS TESTED DIDNT EXCEED NORMAL TRENDS FOR THIS COMPARTMENT. NO EXCESSIVE WEAR IS INDICATED AT THIS TIME. CONTINUE TO MONITOR COMPARTMENT BY SAMPLING AT RECOMMENDED INTERVALS.

RECEIVED DATE: 28-Nov-23

SALES
MEIXEL FARMS & TRUCK

SAMPLE SHIP TIME (days) : 8

E500-53332-0190

SAMPLE INFORMATION

Sample Date	20-Nov-23	07-Jun-23	27-Oct-22	25-Jul-22
Sample Id	E500-53332-0190	E500-53163-0068	E500-52305-0149	E500-52210-0083
Lab Date	28-Nov-23	12-Jun-23	01-Nov-22	29-Jul-22
Meter [hr]	7500	7832	7527	7200
Meter On Fluid	265	300	270	250
Fluid Brand	SHELL	SHELL	SHELL	SHELL
Fluid Weight	15W-40	15W-40	15W-40	15W-40
Fluid Type	Y	Y	Y	Y
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Total Fluid Added	0	0	0	0

WEAR LEVELS / ADDITIVES

	20-Nov-23	07-Jun-23	27-Oct-22	25-Jul-22
Cu	2	5	5	4
Fe	13	26	28	22
Cr	0	0	1	1
Al	1	4	3	2
Pb	1	1	3	1
Sn	1	1	1	0
Si	2	2	3	4
Na	3	5	6	7
K	8	9	3	4
Mo	4	28	62	36
Ni	1	0	1	2
Ag	0	0	0	0
Ti	0	0	0	0
V	0	0	0	0
Mn	0	0	0	0
Cd	7	0	0	0
Ca	2304	2286	2203	2526
P	1002	994	964	1105
Zn	1244	1207	1180	1336
Mg	52	20	34	36
Ba	0	0	0	0
B	82	74	18	101

ELEMENTAL ANALYSIS (PPM)

Cu	2	5	5	4
Fe	13	26	28	22
Cr	0	0	1	1
Al	1	4	3	2
Pb	1	1	3	1
Sn	1	1	1	0
Si	2	2	3	4
Na	3	5	6	7
K	8	9	3	4
Mo	4	28	62	36
Ni	1	0	1	2
Ag	0	0	0	0
Ti	0	0	0	0
V	0	0	0	0
Mn	0	0	0	0
Cd	7	0	0	0
Ca	2304	2286	2203	2526
P	1002	994	964	1105
Zn	1244	1207	1180	1336
Mg	52	20	34	36
Ba	0	0	0	0
B	82	74	18	101

PREVIOUS SAMPLE
RESULTS OF LATEST SAMPLE INDICATE ELEMENTS TESTED DIDNT EXCEED NORMAL TRENDS FOR THIS COMPARTMENT. NO EXCESSIVE WEAR IS INDICATED AT THIS TIME. CONTINUE TO MONITOR COMPARTMENT BY SAMPLING AT RECOMMENDED INTERVALS.
For additional sample history, go to: [S.O.S WEB](#)

CONDITION / CONTAMINATION

Viscosity (CENTISTOKES)	20-Nov-23	07-Jun-23	27-Oct-22	25-Jul-22
V100 Viscosity at 100 C	13.50	12.90	13.10	13.20
ST Soot	23	37	77	31
OXI Oxidation	17	16	16	15
SUL Sulfur Products	22	22	23	21
NIT Nitration	0	49	85	9

ANTIFREEZE

A Antifreeze	20-Nov-23	07-Jun-23	27-Oct-22	25-Jul-22
N	N	N	N	N

FUEL

F Fuel	20-Nov-23	07-Jun-23	27-Oct-22	25-Jul-22
N	N	N	N	N

CLEANLINESS

PQ Index	20-Nov-23	07-Jun-23	27-Oct-22	25-Jul-22
16	11	6	4	4

Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or component thereof.