

D & T Diesel Services
4281 Fig Ave
Ireton, IA 51027 US
7125410269



BILL TO
Darrel Nyhoff
3426 390th ST
Sioux Center, IA 51250

INVOICE 2046

DATE 01/19/2021 **TERMS** Net 15

DUE DATE 02/04/2021

P.O. NUMBER
2230

SALES REP
Ryan, Lance

PROJECT
4755

ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
Labor	Hrs: 6,966 Tractor was hauled to shop. Transmission filter was plugged with fine metal filings. Checked operation of all speeds and functions of transmission. Functionally it was all working properly and pressures were good as well. Decided that since filter was plugged while running PTO pump that it was likely a PTO issue. Tractor was split, input planetary and PTO clutch was removed and disassembled. There was wear in packs, but nothing to cause metal filings. After discussing with customer we decided that we had to dig until we located the source of metal. Cab was removed. Rockshaft and transmission covers removed. We could clearly identify clutch facings falling apart throughout the transmission. Final drives were removed, brake pads had separated from backings and was metal on metal. There were issues in every aspect of this tractor from flywheel back. Completely disassembled. Transmission was rebuilt using new disks, seals, and packings as required. Rear differential was rebuilt using new disks, seals and bearings. Pinion shaft bearings and cups were replaced. PTO clutch was rebuilt with plates and bearings. New brake pads installed, disks, and outer brake pad plate. Rear end of tractor was reassembled. Rockshaft, covers and cab installed. Filled with new hydraulic oil, and new filters. Tractor was test run. No leaks. Pressures checked and	84.39	90.00	7,595.10T

ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
	operational checks performed. Topped off fluids.			
HY-GARD	HY-GARD	23	11.50	264.50
COOL-GARD	COOL-GARD	1	14.00	14.00
Parts	31P-MHD INTERSTATE BATTERY	2	154.95	309.90
Parts	26H70 SHAFT KEY	1	0.77	0.77
Parts	R375R O-RING	5	1.41	7.05
Parts	A4728R O-RING	6	5.24	31.44
Parts	B2762R O-RING	1	3.09	3.09
Parts	F2741R PACKING	2	3.66	7.32
Parts	JD7242 BEARING CONE	1	39.99	39.99
Parts	JD7292 BEARING CUP	1	19.25	19.25
Parts	JD7425 BEARING CUP	1	12.66	12.66
Parts	JD8214 BEARING CUP	1	33.94	33.94
Parts	JD8280 BEARING CUP	1	64.22	64.22
Parts	JD8287 BEARING CUP	1	42.28	42.28
Parts	JD8298 BEARING CUP	1	61.45	61.45
Parts	JD8856 NEEDLE BEARING	1	4.41	4.41
Parts	JD8962 BEARING CONE	1	67.40	67.40
Parts	JD9002 BEARING CONE	1	44.24	44.24
Parts	JD9019 BEARING CONE	1	86.49	86.49
Parts	JD9043 BEARING CONE	1	29.94	29.94
Parts	JD9049 BEARING CONE	1	28.94	28.94
Parts	JD9068 BEARING CONE	1	58.88	58.88
Parts	JD9109 BEARING CUP	1	16.09	16.09
Parts	JD9114 BEARING CUP	1	15.00	15.00
Parts	JD9812 THRUST BEARING	2	1.74	3.48
Parts	P47889 O-RING	4	2.00	8.00
Parts	R26482 RING	2	2.96	5.92
Parts	R27166 O-RING	2	2.06	4.12
Parts	R28819 WASHER	3	3.23	9.69
Parts	R29463 O-RING	1	3.96	3.96
Parts	R31378 O-RING	3	4.40	13.20
Parts	R33240 PIN	2	85.98	171.96
Parts	R33246 SEAL	1	9.78	9.78
Parts	R33259 O-RING	1	2.06	2.06
Parts	R33337 GASKET	1	7.37	7.37
Parts	R34733 WASHER	2	2.81	5.62
Parts	R35034 PACKING	1	8.81	8.81
Parts	R35365 SHIM	2	3.35	6.70
Parts	R35366 SHIM	2	3.72	7.44

ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
Parts	R35367 SHIM	4	4.48	17.92
Parts	R35501 SHIM	2	5.92	11.84
Parts	R35503 SHIM	2	9.25	18.50
Parts	R36881 RING	2	28.64	57.28
Parts	R41623 WASHER	2	3.07	6.14
Parts	R43274 SHIM	3	4.20	12.60
Parts	R43275 SHIM	2	5.30	10.60
Parts	R43276 SHIM	2	5.77	11.54
Parts	R43339 WASHER	1	7.63	7.63
Parts	R43376 GASKET	1	26.12	26.12
Parts	R43378 SEAL	8	21.31	170.48
Parts	R43379 SEAL	2	17.69	35.38
Parts	R43381 WASHER	1	5.00	5.00
Parts	R43408 GASKET	1	22.01	22.01
Parts	R43659 RING	2	14.63	29.26
Parts	R46004 PACKING	1	14.45	14.45
Parts	R46673 WASHER	6	1.47	8.82
Parts	R46674 PISTON	6	85.03	510.18
Parts	R49002 SHIM	2	3.11	6.22
Parts	R49003 SHIM	2	3.00	6.00
Parts	R49004 SHIM	3	3.30	9.90
Parts	R55493 SLEEVE	1	24.60	24.60
Parts	R55494 PIN FASTENER	1	9.13	9.13
Parts	R58900 GASKET	1	6.60	6.60
Parts	R61600 WEAR RING	1	6.37	6.37
Parts	R72168 RING	2	11.61	23.22
Parts	R72596 WASHER	1	6.27	6.27
Parts	R72631 RING	2	10.76	21.52
Parts	R72726 GASKET	1	21.21	21.21
Parts	R73090 SEAL	1	17.64	17.64
Parts	R73284 RING	5	33.01	165.05
Parts	R74218 WASHER	1	7.48	7.48
Parts	R77722 CAP	1	40.10	40.10
Parts	R79140 PACKING	1	7.13	7.13
Parts	R79421 WASHER	1	3.41	3.41
Parts	R79601 PACKING	1	7.13	7.13
Parts	R79985 SPRING	1	8.38	8.38
Parts	R80721 SHIM	2	3.64	7.28
Parts	R80853 SHIM	2	4.36	8.72
Parts	R80854 SHIM	2	4.66	9.32

ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
Parts	R80855 SHIM	2	5.06	10.12
Parts	R81922 CLUTCH PLATE	8	20.00	160.00
Parts	R83986 GASKET	1	50.13	50.13
Parts	R94450 GASKET	1	5.38	5.38
Parts	R94451 GASKET	1	2.24	2.24
Parts	U10289 O-RING	1	4.09	4.09
Parts	AR75848 BEARING CONE	1	99.04	99.04
Parts	AR94510 FILTER ELEMENT	2	40.55	81.10
Parts	R113741 BRAKE DISK	2	241.13	482.26
Parts	R120833 SEAL	1	7.30	7.30
Parts	R120835 SEAL	1	7.06	7.06
Parts	R120836 SEAL	2	8.12	16.24
Parts	R120841 SEAL	1	7.39	7.39
Parts	R126516 SCREW	1	80.56	80.56
Parts	R169152 SEAL	2	15.79	31.58
Parts	RE23286 DISK WITH SPLINE	8	30.36	242.88
Parts	RE26267 BATTERY CABLE	1	148.60	148.60
Parts	RE26268 BATTERY CABLE	1	112.62	112.62
Parts	RE29429 DISK	3	50.94	152.82
Parts	RE29816 DISK	3	14.62	43.86
Parts	R33706 DISK	1	48.76	48.76
Parts	RE36589 BATTERY CABLE	1	39.73	39.73
Parts	RE46334 PLATE	2	375.27	750.54
Parts	RE234259 DISK WITH SPLINE	14	46.56	651.84
Parts	RE234261 BRAKE DISK	6	36.64	219.84
Parts	RE234308 BRAKE	6	59.78	358.68
Parts	RE293333 DISK WITH INNER SPLINE	7	71.40	499.80
Parts	RE326609 CLUTCH DISK	2	26.38	52.76
Parts	PARTS FREIGHT	1	121.55	121.55
Shop Supplies	Shop Supplies	1	60.00	60.00T

SUBTOTAL 15,073.66

TAX 535.86

TOTAL 15,609.52

PAYMENT 15,609.52

TOTAL DUE \$0.00