

SERVICE INVOICE

SEGMENT# 1 5 CUST NA

07/29/24 07/29/24

REPLACE AGITATOR BEARINGS/TIGHTEN FLIGHT

COMPLAINT:

BEARINGS BAD/LEAKING/LOOSE FLIGHT

CAUSE:

NORMAL WEAR

CORRECTION:

REMOVED THE SET SCREWS FROM THE BEARINGS, REMOVED HOSES FROM THE MOTOR AND CAPPED. UNBOLTED THE COUPLER, PULLED COUPLER FROM THE SHAFT AND CLEANED UP. SUPPORTED THE AGITATOR INSIDE THE TANK. CUT AND REMOVED THE FLANGETTES AND SEALS FROM THE BEARING ASSEMBLIES ONE AT A TIME. HEATED THE BEARINGS AND PULLED THEM OFF. CLEANED THE TANK SURFACE, REINSTALLED EACH ASSEMBLY, FOLLOWED FINNS PROCEDURE AND TORQUED TO 25FTLBS. GREASED AND ROTATED THE AGITATOR. CLEANED THE COUPLER, REINSTALLED ON THE SHAFT AND REATTACHED THE MOTOR.

FN006596	CABLE, PUSH-PUL	1
FN020682	CLEVIS	3 N
FN085161-02SP2	TWIN PACK BEARI	1
FRTIN	INBOUND FRT	3
PTX 21183	clear silicone	1 N
01050-61045	BOLT	1

PARTS

LABOR

CONTINUED ON PAGE 02

SERVICE INVOICE

SEGMENT# 2 5 CUST NA

07/29/24 07/29/24

REBUILD, R & I, CLUMP

COMPLAINT:

NO PRESSURE

CAUSE:

WET END IS WORN AS WELL AS THE CLUTCH TEETH ARE MOSTLY GONE

CORRECTION:

REMOVED PIPING AND PLUGS FROM WET END. REMOVED SUCTION COVER, HEATED IMPELLER AND FOUGHT COMING OFF. SUPPORTED ENGINE, REMOVED FLANGE BEARING, UNBOLTED THE PUMP FROM THE ENGINE AND REMOVED. CLEANED THE BELLHOUSING OUT, CLEANED FLYWHEEL, REMOVED AND INSTALLED THE NEW PILOT BEARING. HAD THE PUMP WASHED. REMOVED THE OLD CLUTCH, DROVE OUT THE CLUTCH CROSS SHAFT, CLUTCH FORK, UNBOLTED THE BEARING RETAINER, REMOVED PUMP SHAFT, SEAL AND BEARINGS. CLEANED THE BEARING CAVITY AND DROVE IN NEW BEARINGS. INSTALLED THE NEW PUMP SHAFT AND SEAL. HAD TO ORDER A NEW BEARING RETAINER NUT, INSTALLED THEN PUT THE NEW CLUTCH ASSEMBLY ON. INSTALLED THE NEW BEARING RETAINER WITH SEAL AS WELL AS THE FLANGE BEARING. REINSTALLED THE PUMP ON THE MACHINE. HEATED UP THE JOINTS ON THE END OF THE CLUTCH ROD AND REPLACED WITH NEW. ADJUSTED THE CLUTCH HANDLE ON THE PUMP SO IT IS ENGAGING PROPERLY. GREASED THE PUMP AND TESTED.

FIT2700LN0404

1/4" bulk head

1 N

CONTINUED ON PAGE 03

SERVICE INVOICE

001232 T120GN HYDROSEEDER X RLA-1087
T120GN

FIT65060402	fitting	1 N
FN005144	PUMP CASING	1 N
FN005146	Pump Suction Co	1 N
FN005446SP	BEARING	1
FN005448	Nut Locknut SNO	1
FN005449SP	SEALED BEARING	1
FN005450SP	BEARING	1
FN005475	THRUST BEARING	1 N
FN005541	CLUMP SHAFT T90	1
FN005543	9-1/4" PUMP IMP	1 N
FN005544-02	BEARING RETAINE	1
FN006145SP2	TWIN PACK 4" SE	1 N
FN006251	2" SEAL FOR 625	3
FN006443SP	WET END SEALKIT	1
FN006737	BALL JOINT SP-1	2
FN008469SP	DISCHARGE GASKE	1
FN100042	KEY, WOODRUFF	2
FN100073	CLUTCH YOKE	1 N
FN100333SP	CLUTCH ASSY	1 N
R160423INCH	hose assy	1 N

10355001

SEGMENT# 3 5 CUST NA

07/29/24 07/29/24

REPAIR ELECTRICAL/REPLACE ALTERNATOR

CONTINUED ON PAGE 04

SERVICE INVOICE

C012252 T120GN HYDROSEEDER X RLA-1087
T120GN

COMPLAINT:

BAD DRAW ON SYSTEM/WIRING IS NOT CORRECT

CAUSE:

EXCESS WIRING/SOME WIRES NOT NEEDED

CORRECTION:

REMOVED THE CONTROL BOX. INSTALLED NEW GLOW PLUG LIGHT, GENERATOR LIGHT, IGNITION SWITCH, HORN BUTTON AND SAFETY SWITCH. WIRED IN THE NEW HARNESS AND INSTALLED ON THE MACHINE. REMOVED THE HARNESS FROM THE ENGINE AS WELL AS THE WIRE FOR THE LIGHTS. SPOKE WITH THE CUSTOMER AND WAS GIVEN THE OK. LIGHTS WERE NOT WORKING WHEN I RECEIVED THE MACHINE. REMOVED THE HARNESS AS THERE WAS EXCESS WIRING. INSTALLED THE NEW ENGINE HARNESS, ADDED JUMPERS FOR SOME WIRES AS THE HARNESS WIRE WAS NOT LONG ENOUGH. REMOVED THE STARTER AND CLEANED SURFACES. INSTALLED NEW ALTERNATOR. MADE SURE MACHINE STARTS AND EVERYTHING OPERATES PROPERLY. INSTALLED NEW HORN. CLEANED CABLES, SOLENOID AND INSTALLED NEW BUTTON FOR THE REEL. TIDIED UP WIRING, RAN IN LOOM, TAPED AND TIED UP.

FN005587	ENGINE WIRING H	1 N
FN005589A	T90/120 Control	1 N
FN006245	light	1 N
FN006499	HORN	1 N
FN020886	Horn Button	1
FN022119	MAGNETIC SWITCH	1
KU15403-64490	glow plug ind lt	1 N
WIL 90295180	alternator	1 N

PARTS

LABOR

10355001

SEGMENT TOTAL==>

CONTINUED ON PAGE 05

SERVICE INVOICE

1120GN HYDROSEEDER
T120GN

X RLA-1087

SEGMENT# 4 5 CUST NA

07/29/24 07/29/24

REPLACE SWIVELS AND AGITATOR CABLE

COMPLAINT:

PACKING COMING OUT OF SWIVELS

CAUSE:

WEAR

CORRECTION:

HEATED UP THE SWIVELS AND REMOVED FROM THE MACHINE. PLACED
THEM IN A VIES, REMOVED THE HOSE AND PIPE FROM THE SWIVELS.
INSTALLED THE NEW ONES AND REINSTALLED ON THE MACHINE.
GREASED AND TURNED THE SWIVELS TO DISTRIBUTE THE GREASE.
REMOVED THE AGITATOR CABLE, REINSTALLED WITH NEW CLEVIS AND
PINS. MADE SURE THE CENTER HAS THE AGITATOR NOT MOVING.

FN007288SP	PAINTED 2" 90 D	1
FN008210SP	1.5" PAINTED H	1

PARTS

LABOR

10355001

SEGMENT TOTAL==>

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

PARTS

LABOR

Shop Supplies

CONTINUED ON PAGE 06

SERVICE INVOICE

HYDROSEEDER
T120GN

X RLA-1087

Waste Disposal

SUB TOTAL==>

Total Charge

14443.17

SERVICE INVOICE

C012252 T120GN HYDROSEEDER X RLA-1087
T120GN

SEGMENT# 1 C INTER NA 11/07/24 11/07/24

REPLACE LIFT PUMP

COMPLAINT:

MACHINE WILL NOT START

CAUSE:

BAD LIFT PUMP-INITIAL

LOSS OF COMPRESSION/LARGE AMOUT OF BLOW BY/CRANKCASE
PRESSURE

CORRECTION:

BROUGHT THE MACHINE INSIDE. HAD TO CHARGE THE BATTERY AS
IT DID NOT HAVE ENOUGH CHARGE. TURNED THE KEY ONCE BEFORE
EVEN CRANKING AND THE LIFT PUMP WAS NOT WORKING. QUOTED
PARTS AND ORDERED AFTER APPROVAL. REMOVED THE OLD LIFT PUMP
AND INSTALLED THE NEW ONE. TURNED THE KEY ON, BLED THE
FILTER AND CRANKED THE MACHINE, BLED THE LINES AND NOTICED
A LARGE AMOUNT OF BLOW BY. STRUGGLED TO GET THE ENGINE TO
START BUT IT DID RUN ONCE. COULD NOT GET RESTARTED AFTER
THAT. CALLED CUSTOMER AND RECOMMENDED ENGINE REPLACEMENT.
WAITING ON FINN FOR PARTS PRICING 11/13.

K1G938-52034

FUEL PUMP

1

PARTS

LABOR

10355001

SEGMENT TOTAL==>

SEGMENT# 2 C INTER NA 11/07/24 11/07/24

REPLACE AGITATOR CABLE

COMPLAINT:

REPLACE AGITATOR CABLE

CAUSE:

CONTINUED ON PAGE 02

SERVICE INVOICE

C012252 T120GN HYDROSEEDER X RLA-1087
T120GN

END IS SNAPPED

CORRECTION:

REMOVED THE PINS FROM THE CLEVIS'S AND REMOVED THE CABLE.
PUT THE CLEVIS'S ON THE NEW CABLE AND INSTALLED ON THE
MACHINE. PINNED THE ENDS AND ADJUSTED.

FN006596	CABLE, PUSH-PUL	1	
			PARTS
			LABOR
10355001			SEGMENT TOTAL==>

SEGMENT# 3 C INTER NA 11/07/24 11/07/24

REPLACE AIR FILTER HOUSING

COMPLAINT:

REPLACE AIR FILTER HOUSING

CAUSE:

AIR FILTER HOUSING END CAP IS MISSING

CORRECTION:

LOOSENEH HOSE CLAMPS AND REMOVED OLD HOUSING. INSTALLED NEW
HOUSING AND FILTER. TIGHTENED CLAMPS.

FN005793	Hydac Filler/Br	1	
FN031549	AIR CLEANER ASS	1 N	
FRTIN	INBOUND FRT	1	
			PARTS
			LABOR
10355001			SEGMENT TOTAL==>

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

PARTS

CONTINUED ON PAGE 03

SERVICE INVOICE

C012252

T120GN HYDROSEEDER
T120GN

X RLA-1087

LABOR
Shop Supplies
Waste Disposal
SUB TOTAL==>

Total Charge

1174.99

[REDACTED]

<u>INVOICE#</u>	<u>DATE</u>	<u>BR</u>	<u>Description</u>	<u>BALANCE DUE</u>
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R48074	11/19/24	01	INVOICE	[REDACTED]
S71882	11/23/24	01	INVOICE	[REDACTED]

TOTALS

PLEASE REMIT DIRECTLY TO:

[REDACTED]

CURRENT
31-60
61-90
91-120
OVER 120
LATE CHG

TOTAL

3,084.68

[REDACTED]

<u>INVOICE#</u>	<u>BALANCE DUE</u>
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R48074	[REDACTED]
S71882	[REDACTED]

TOTALS

CURRENT
31-60
61-90
91-120
OVER 120
LATE CHG

TOTAL

3,084.68