

Heartland

4RSPH $\frac{1}{6}$ 5" AH

#19093

PURCHASE ORDER

Advanced Farm Equipment LLC

5773 Crystal Road
Vestaburg MI 48891
Phone: (989) 268-5711
Fax: (989) 268-5630

Purchase Order No. 061159

Purchase Order Date 01/15/19

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VENDOR Greentronics Ltd
Attn: Bill
8 Victoria Glen St.,
Elmira, ON, N3B 1S1
Canada
Phone: (519) 669-4698
Fax: (519) 669-2880

SHIP TO Advanced Farm Equipment
5773 Crystal Road
Vestaburg, MI 48891

19093 PT

Ship Via	Best Way	Required By	01/15/2019
F.O.B.	Origin	Buyer	
Terms	Net 30	Confirm To	
Vendor Code	GREENTRONI	59-3775095	593775095

QUANTITY	U/M	ITEM	DESCRIPTION	UNIT COST	TOTAL COST
1.000	ea	2030-02226	RiteDrop Automatic Drop Height	3,430.950	3,430.95
			RD430-2 Control system, 2 short range sensors		
1.000	ea	2030-02259	License Key with WA1041 Cable:	427.200	427.20
			RH-ISO Distance Control System ISOBUS		
1.000	ea	2030-02240	Yield Monitor, 2 load cells;	5,206.500	5,206.50
			YM431-2 stand-alone kit with USB data logging and GPS input. GPS receiver not included. No unlocks for third party devices.		
1.000	ea	2030-02232	License Key + WA 1062 Cable:	427.200	427.20
			YM-ISO RiteYield ISOBUS		
1.000	ea	2030-02231	License Key + WA1044 Cable:	347.310	347.31
			YM-TR RiteYield integration with Trimble FMx or TMx. Customer may need to order two of 67091 cable from Trimble to complete connections with the FM1000		

Purchase Order Total

9,839.16

Quotation

Quote #: GQ19016

Date: 15-Jan-19

Valid to: 15-Feb-19

SOLD TO:
Advanced Farm Equipment
5773 Crystal Road
Vestaburg
MI
048891
USA
Fed ID (EIN) #: 59-3775095

SHIP TO:
Advanced Farm Equipment
Attention: Patrick Taylor
5773 Crystal Road
Vestaburg MI 048891 USA
Telephone: 989-268-5711
Delivery notes: none

Email: patrick.t@lenco-harvesters.com

P.O. #: TBD

Terms: Net 30

Ship via: UPS Standard, freight prepaid; entry fees and taxes not included

Charge To: PP & B

Est. Ship Date: TBD

Tracking no.: 0

#	Part #	Description	Price	Qty	Total
1	RD430-2	RiteDrop Automatic Drop Height Control System, 2 short range sensors with swivel housings	\$5,140.00	1	\$5,140.00
2	RH-ISO	License Key with WA1041 Cable: Distance Control System ISOBUS	\$640.00	1	\$640.00
3	YM431-2	Yield Monitor, 2 load cells, stand-alone kit with data logging, USB for copying data, and GPS input. GPS receiver not included. No unlocks for third party devices.	\$7,800.00	1	\$7,800.00
4			\$0.00		\$0.00
5	YM-ISO	License Key: RiteYield ISOBUS. Includes WA1040 connecting cable	\$640.00	1	\$640.00
6			\$0.00		\$0.00
7	YM-TR	License Key: RiteYield integration with Trimble FMx or TMx. Includes WA1044 connecting cable.	\$520.00	1	\$520.00
8		Additional cables from Trimble may be required.	\$0.00		\$0.00
9			\$0.00		\$0.00
10			\$0.00		\$0.00
11			\$0.00		\$0.00
12		Installation & set-up responsibility of the dealer/customer	\$0.00		\$0.00
13			\$0.00		\$0.00
14			\$0.00		\$0.00
15			Subtotal:		\$14,740.00
16	Discount	Dealer discount 25%	\$3,685.00	1	\$3,685.00
17			Subtotal:		\$11,055.00
18	ERA	Exchange rate adjustment (floating rate; changes often)	\$1,216.05	1	\$1,216.05
19			Net total:		\$9,838.95
20	Freight	Freight & insurance (estimate)	\$115.00	1	\$115.00
					Total: \$9,953.95
					GST: \$0.00
					HST: \$0.00
					Total: \$9,953.95

GST percent: 0

HST percent: 0

Currency: US\$

NOTE: Placing an order and/or making payments confirms you have read, understand, and agree with the Terms, Return, Warranty, and Liability policies available at www.greentronics.com.

Advanced Farm Equipment, LLC
5773 Crystal Road
Vestaburg MI 48891
(989) 268-5711

Sales Order Number 053852

Sales Order Date 12/12/18

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SOLD Advanced Farm Equipment
TO 5773 Crystal Road
Vestaburg, MI 48891

SHIP Advanced Farm Equipment, LLC
TO 5773 Crystal Road
Vestaburg MI 48891

P.O. Number

Ship Via

Project Code

Ship Number

N/A

N/A

Terms

Salesperson

Required

Cash on Del.

Greg Merrihew

12/12/2018

ITEM	ORDERED	SHIPPED	BO	DESCRIPTION	PRICE	AMOUNT	TAX
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419093-604

1.000

Detail Assy.

ea

Heartland 19093 Detail Assembly

QTY	Description

QTY	Description

Subtotal .00

* Sales Tax .00

Invoice Total .00

Payments .00

Net Due .00

HYDRAULICS FINISH MATERIALS LIST

BEGINNING DATE
END DATE

PROJECT NO.

	PART NUMBER	DESCRIPTION
	014-30060	- Electric XXXXXXXXXXXXX XV
	014-30000	LIGHT BRACKET
1	014-30080	BACK VALVE
	014-30061	XV
11	019-30077	FLOW CONTROL (New) DTS-8811
1	019-30109	Flow control (New)
1	019-30110	Fairy Filter Mount 1/2" Bent
2	022-30009	HIGH PRESSURE fairy filter
 	019-30028	Reversing valve Old
 	014-30053	STROBE lights
1	019-30031	Fuel pump
1	019-30057	
1	019-30040	
1 	019-31015	Valve mount (MODDED)
2	019-30068	inline filter Return
1	019-30029	Cooler Valve
2	019-30069	inline filter Return
1	003-30007	CAB LIFTING LUG
1	019-30004	
1	019-30085	150 Mount
2	019-30082	
1 	019-30012	CRV5 BRACKET
1	019-30019	1 1/2 Section valve BANK
1	019-30024	4276 MOUNT
11	019-30009	RDRS 112
1	004 -014-30018	Wrist switch mount

14" x 2" x 1/4"

HEARL GONE 2017

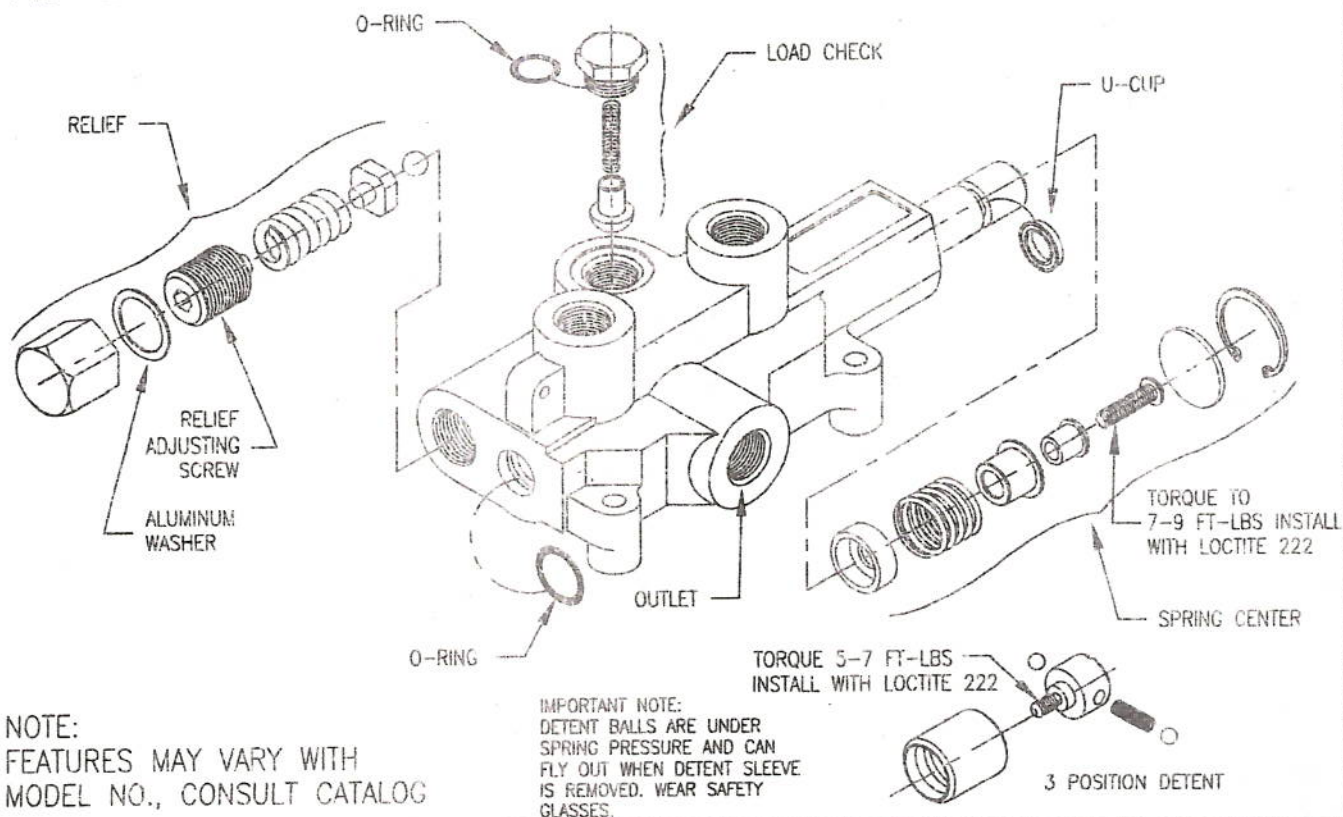
1/31/2018

Detail Dept Fittings List

Heart Load
2019

Part #	Description	New #	Quantity
840FS-06	JIC Tube Sleeve	319-06	X 44 XV 44 44 44 44 44 44
840FS-08	JIC Tube Sleeve	319-08	X 44 44 44 44 44 44 44 44
840FS-10	JIC Tube Sleeve	319-10	V 44
840FS-14	JIC Tube Sleeve	319-14	44 44 44 44 44 44 44 44 44 44 44 44 44 44
840FS-16	JIC Tube Sleeve	319-16	X 44 44 44 44 44 44 44 44
841FS-06	JIC Tube Nut	318-06	X 44 X 44 44 44 44 44 44
841FS-08	JIC Tube Nut	318-08	X 44 44 44 44 44 44 44 44
841FS-10	JIC Tube Nut	318-10	V 44
841FS-14	JIC Tube Nut	318-14	44 44 44 44 44 44 44 44 44 44 44 44 44 44
841FS-16	JIC Tube Nut	318-16	X 44 44 44 44 44 44 44 44
842FS-06	Male JIC x Male JIC	2403-06	X 44 X 44 44 44 44 44 44
842FS-08	Male JIC x Male JIC	2403-08	X 44 44 44 44 44 44 44 44
842FS-08-06	Male JIC x Male JIC	2403-08-06	44
842FS-10-08	Male JIC x Male JIC	2403-10-08	V 44
842FS-14	Male JIC x Male JIC	2403-14	44 44
842FS-14-12	Male JIC x Male JIC	2403-14-12	44 44 44 44 44 44 44 44 44 44 44 44 44 44
842FS-16	Male JIC x Male JIC	2403-16	X 44 44 44 44 44 44 44 44
842FS-16-12	Male JIC x Male JIC	2403-16-12	44 44
844FS-06	Male JIC Tee	2603-06	44
844FS-08	Male JIC Tee	2603-08	
844FS-08-08-06	Male JIC Tee	2603-08-08-06	44
844FS-14	Male JIC Tee	2603-14	44
844FS-16-16-16	Male JIC Tee	2603-16-16-16	44
883FS-12-16	Female JIC x Male JIC Rdcr	2406-12-16	
883FS-14-12	Female JIC x Male JIC Rdcr	2406-14-12	

RD-2500 TYPICAL



RELIEF VALVE:

An adjustable ball spring relief valve is standard on all RD-2500 valves. The standard factory setting is 1500 psi @ 12 gpm and 120°F. Other settings can be specified. The relief pressure is adjusted by removing the cover nut, and turning the adjusting screw. Turning the adjusting screw clockwise will increase the pressure and counterclockwise will decrease the pressure (a pressure gauge must be installed in the inlet line whenever the relief pressure is adjusted). Do not back out adjusting screw to the point it falls out.



WARNING: OVERPRESSURE MAY CAUSE SUDDEN AND UNEXPECTED FAILURE OF A COMPONENT IN THE HYDRAULIC SYSTEM RESULTING IN SERIOUS PERSONAL INJURY. ALWAYS USE A GAUGE WHEN ADJUSTING A RELIEF VALVE.

LOAD CHECK:

The load check feature is standard on most RD-2500 series valves. The load check will prevent the fall of a cylinder as the spool is shifted. It also prevents the backflow of oil from the work port to the inlet. The pump must build up enough pressure to overcome the pressure on the work port caused by the weight of the load before the cylinder can move.

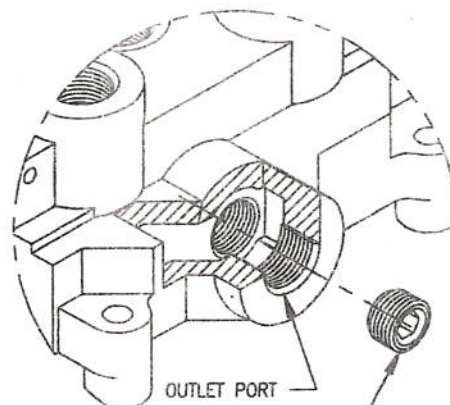
PLEASE NOTE: The load check has nothing to do with how well the valve will hold up a cylinder with the spool in neutral. The load check is functional only when the spool is shifted.

OPEN CENTER TO CLOSED CENTER CONVERSION RD-2575 MODELS ONLY

THIS FEATURE ALLOWS AN OTHERWISE OPEN CENTER VALVE TO BE CONVERTED TO CLOSED CENTER OPERATION. AS SHOWN AT RIGHT, A 3/8-NPTF PIPE PLUG IS INSTALLED IN THE BOTTOM OF THE OUTLET PORT TO BLOCK OPEN CENTER PASSAGE. A PIPE THREAD SEALANT SHOULD BE USED. THIS FEATURE IS STANDARD ON ALL VALVES WITH 3/4-NPTF INLET AND OUTLET PORTS. THE PIPE PLUG IS INCLUDED WITH THESE MODELS. DISCARD THE PIPE PLUG IF THE VALVE IS USED ON AN OPEN CENTER APPLICATION. PLEASE NOTE, IT MAY BE NECESSARY TO ADJUST RELIEF VALVE PRESSURE WHEN A PRESSURE COMPENSATED PUMP IS USED.

RD-2500 KITS AND CARTRIDGES

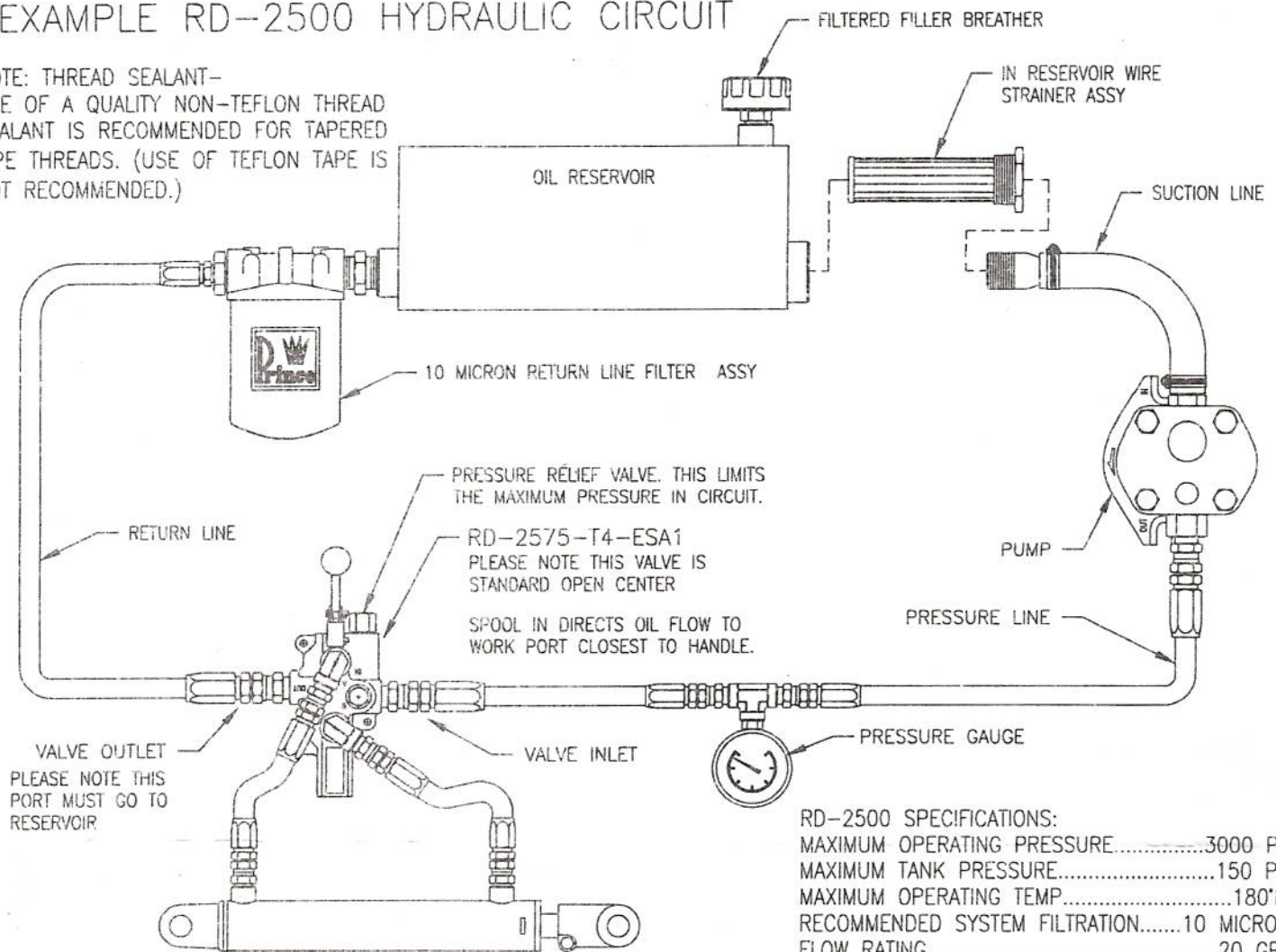
PART NO.	DESCRIPTION
660525001	RD-2500 SEAL KIT
660125001	3 POSITION DETENT KIT
660125004	RELIEF KIT
660150015	LOAD CHECK KIT
660125002	SPRING CENTER KIT
660130001	COMPLETE HANDLE KIT



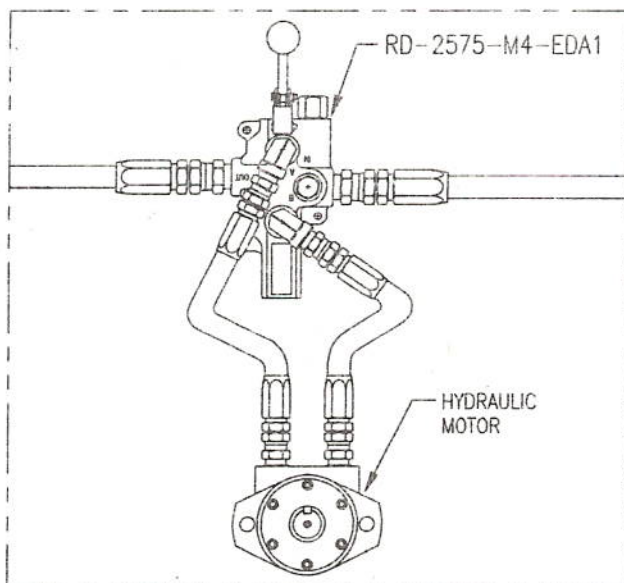
3/8-NPTF PIPE PLUG
PART NO. 200018002

EXAMPLE RD-2500 HYDRAULIC CIRCUIT

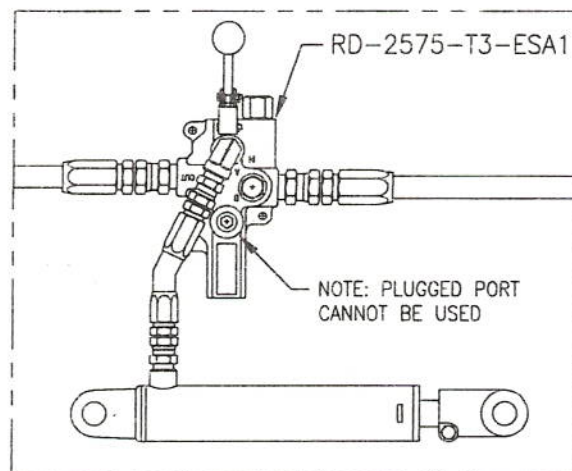
NOTE: THREAD SEALANT-
USE OF A QUALITY NON-TEFLON THREAD
SEALANT IS RECOMMENDED FOR TAPERED
PIPE THREADS. (USE OF TEFLON TAPE IS
NOT RECOMMENDED.)



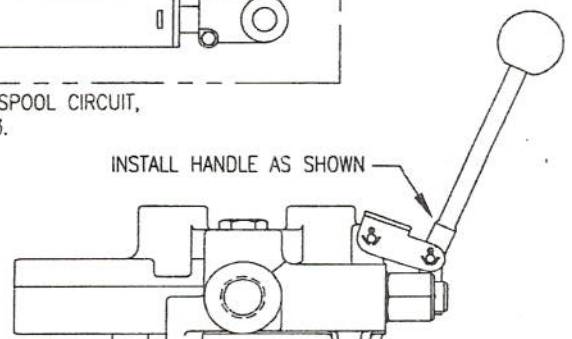
RD-2500 SPECIFICATIONS:
MAXIMUM OPERATING PRESSURE.....3000 PSI
MAXIMUM TANK PRESSURE.....150 PSI
MAXIMUM OPERATING TEMP.....180°F
RECOMMENDED SYSTEM FILTRATION.....10 MICRON
FLOW RATING.....20 GPM



EXAMPLE MOTOR SPOOL CIRCUIT,
SPOOL OPTION M4, WHEN THE SPOOL
IS IN NEUTRAL MOTOR WILL FREE
WHEEL TO A STOP.



EXAMPLE 3 WAY SPOOL CIRCUIT,
SPOOL OPTION T3.



INSTALL HANDLE AS SHOWN

Advanced Farm Equipment, LLC

Customer Wentworth

W/O#

S#

Initials

Section

Plastic

- ☐ Conveyors
- ☒ Airhead
- ☐ Sorting Table
- ☒ Trash Chute
- ☒ Stone Conveyor
- ☒ Bin

Belting

Airhead

- ☒ Door
- ☒ Sides
- ☒ Pillow
- ☒ Diaphragm

- ☒ Cross Conv
- ☐ Stone Conv
- ☐ Rear Axle
- ☐ Star Rolls
- ☐ Distributor
- ☐ Vine Belt Shield
- ☒ Bin

Oil Tank

- ☒ Breathers
- ☒ Sight Gauge
- ☒ Plumbed Per Specs
- ☒ In Tank Filters

Initials

Section

Rollers

Digger Bed

- ☒ Primary
- ☒ Secondary

- ☒ Cross Conv
- ☒ Side Convs
- ☒ Stone Conv
- ☒ Sorting Conv or Bin Fill
- ☒ Bulk Loader
- ☒ Stone Conveyor

Sprockets

- ☒ Primary
- ☒ Secondary
- ☒ Cross Conv
- ☒ Lower Side Conv
- ☒ Upper Side Conv
- ☒ Sorting Conv or Bin Fill
- ☒ Bulk Loader
- ☒ Stone Conv

Gear Boxes

- ☐ Engine 15W
- ☒ Airhead 15W
- ☒ Chain Drive 90W
- ☒ Grease All Bearings & Wear Plates
- ☒ Durst Gear Box W/Syntec Oil
- ☒ Breathers

Advanced Farm Equipment, LLC

Customer

W/O#

S#

	Engine		Misc
Cummins	☒ Radiator Hoses	MM	☒ Battery Cables
ll	☒ Heater Hoses		☐ Control Cables
ll	☒ Engine Oil		☐ Cover Wiring
	Radiator Fluid		☐ Decals
ll	☒ Anti-Corrosive	TH	☐ Serial Number Plates
ll	☒ Half Water	TM	☒ Slow Moving Vehicle Sign
ll	☒ Half Anti-Freeze		☐ Service Kit
ll	☒ Exhaust System		☐ Tool Box
ll	☒ Air Intake System	T.M. KK	☒ Digger Blades Per Spec
KK	☒ Reversing Fan Option	KK	☒ Coulter Blades Per Spec
	Hydraulics	SK	☒ Set Screws Tight
S.K.N.H	☒ Needle Valves		☐ AFE Table
S.K.N.H	☒ Check Valves		☐ Vine Belt Dist
N.H	☒ Flow Control Handles		☐ Cross Dist
Mcm	☒ Hydraulic Oil		☐ Bearings
KK, Mcm	☒ Charge Pumps		☐ Tires
	☐ Proper Motor Rotation		☐ Touch Up Paint
	☐ Plugs In Pumps		☐ Chain & Sprockets To Spec
	☐ Plugs In Manifolds		
	☐		

Notes / Comments:
