



Rogator - TerraGator Benson Boom / Liquid System Inspection Report





Completing the Inspection Report

Instructions for the Service Technician:

1. Complete the customer information in the booklet.
2. Review each item in the Inspection Report and place a check in the appropriate column: N/A (Not Applicable), OK, Clean, Adjust, Repair, Replace.
3. For each item requiring action, place the estimated time for the work in the right hand column. (At the user's discretion, this may be an administrative function).
4. Record any comments that will be useful for:
 - o Establishing parts required
 - o Discussing the estimate with the customer
 - o Historical service information
5. To complete the assessment, give a brief summary of the overall condition of the machine on the last page.

Instructions for Service Administration / Parts Department:

1. Following the inspection, the required part numbers and their costs should be recorded on a parts list with a cross reference to the appropriate check number in the Inspection Report.
2. The total parts and labor costs should be summarized in the Cost Summary table on the last page, together with any additional costs incurred in carrying out the inspection.
3. Attach the parts listing to the Inspection Report.

The Inspection Report will give a thorough record of the inspection, and provide valuable information for the Dealer and customer as to the condition of the equipment, the breakdown of the estimate, and serve as a service record. Give a copy of the Report to the customer.



Rogator, TerraGator Benson / AgChem / Boom Liquid System Inspection Report

Personalized For:

Owners Name:	
Address:	
City State Zip Code:	
Job Number:	
Date:	
Model:	
Serial Number:	
Machine Hours:	Machine Number:
Service Technician:	Store Number:





Rogator, TerraGator Benson /AgChem Boom / Liquid System Inspection Report

Check No.	Item	N/A	OK	Clean	Adjust	Repair	Replace	Comments	Time (Hrs)	Customer Initials
BOOMS & BOOM TREE										
1	Break-away Spring and Pressure - Needs Adjusting - Break-away Pressure 150-170 PSI - Accumulator Cycles - Should Be 1" off Frame									
2	Boom Lead Adjustment - Within Tolerance - 12" on 80 Ft.									
3	Boom Racks Properly - Correct Speed									
4	Stainless Wire Rope - Cable Worn/Frayed - Broken or Missing Thimbles - Worn Sheaves (Pulley)									
5	Slide Tubes - Greased - Excessive Wear - Shim if Needed - Wear Strips - Cracks or Breaks									
6	Tip Break-Away - Functions Correctly - Ball Joints and Linkage Adjustment - Springs Adjusted - Shock Working									
8	Boom Tubes - Cracks - Welds, Condition - Cylinder Mounts - Hinge - Grease									
9	Boom Rest - Structural Integrity - Cracks									
TANK										
10	Vent - Open									
Subtotal										

Check No.	Item	N/A	OK	Clean	Adjust	Repair	Replace	Comments	Time (Hrs)	Customer Initials
11	Tank Lid - Cracks in Rubber Seal - Condition									
12	Bleeder Hose - Condition - No Droops in Hose - Vent Hose									
13	Tank Bands - Tight - Cracks									
14	Structural Cracks - Rinse Tank - Sump - Seams									
Tank Saddle										
15	Overall Condition - Cracks - Fender Supports - Mud Flaps - Anti-Sails - Saddle Tree - Bolts Loose - Bracing - Hold Down Bolts									
Valves										
16	Condition and Operational - Reload Panel and Valve - Sparge Valve - Product Valve - Sump Valve - Pressure Throttling Valve									
17	Valve Cabling - Operates Correctly									
Plumbing										
18	Product Hose - Condition - Hard or Mushy									
19	Cam Lock Couplers - Condition - Cracks or Leaks									
20	Stainless Steel Plumbing - Condition - Cracks or Leaks - Chemical Educator - Product Recovery									
21	Plastic Plumbing - Sagging - Cracks - Leaks									
Subtotal:										

Check No.	Item	N/A	OK	Clean	Adjust	Repair	Replace	Comments	Time (Hrs)	Customer Initials
HYDRAULIC SYSTEM										
22	Fluid - Level - Appearance									
23	Valve Bank - Operation of all Functions - Leaks									
24	Cooler - Condition - Fan Operation									
25	Quick Couplers - Condition - Leaks									
26	Hydraulic Hoses - Condition and Appearance - Evidence of Cracks or Wear - Routing or Leaks - Hydraulic Disconnect									
27	Tip, Fold, Tilt, Mast, and Breakaway Cylinders - Condition - Pitting or Leaking - Settling									
AIR SYSTEM AND FOAM MARKER										
28	Nozzle Stops - Operation - Isolators - Bladders									
29	Check for Air Leaks and Condition - Valves - Lines - Bladders - Quick Couplers Boom Actuators and Cab Valves - Operation - Condition									
30	Foam Marker - Solenoids Right and Left Inlet Solenoid - Check Valve - Drop Hose and Feed Hose									
31	Air Box - Operation of all Valves - Product Recovery Operation - Condition of Wiring and air Valves									
Subtotal										

Check No.	Item	N/A	OK	Clean	Adjust	Repair	Replace	Comments	Time (Hrs)	Customer Initials
PRESSURE GAUGE AND SWITCHES										
32	Gauges, Hoses, and Senders - Operation - Damaged - Cracked									
33	Pump - Switches Cab & Remote - Cracks or Leaks - Operation Pressure Volume									
34	Chemical Inductor - Valve - Operational									
35	Sump - Switches Cab and Remote - Operational									
CHEMICAL INJECTION										
36	Verify Pump - Operational - Tank and Pump Mounts - Leaks - Cabling and Routing									
CONTROLLER & ELECTRICAL										
37	Console - Operational - Counts Acres - Counts Gallons - Has Speed - Has Boom Sense									
38	Flowmeter & Pressure Transducer - Operational									
39	Control Valve and Manual Operation - Verify Pump Operation Up / Down									
40	Cabling and Routing - Rubbing - Sagging									
41	Taillights - Operational Flashers Backup Lights Brake Taillights									
Subtotal										
Total										

