## Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Total Hours: 612.00 Labor: 41,647.00 Parts: 72,265.44 Comm: 35,691.54 Charged: 149603.98

Work Order: 1607370 Meter: 3 In Date: 07/19/2016 Closed: 07/19/2016

Problem: 1061 - Pre Delivery Inspection

### **Work Completed**

- Pre Delivery Inspection

Hours: 4.00 Comm: 0.00 Labor: 240.00 Parts: 0.00 Total: 240.00

Work Order: 1607378 Meter: 3 In Date: 07/19/2016 Closed: 08/16/2016

Problem: Install Grinder

Work Completed		Parts Issued		Quantity
- Install stump grinder. replace wiring harness from Bobcat to grinder.		Def Quart		1.00
rewire to work with new mulching unit		Cable Tie		1.00
- add Def		Cable Tie		1.00
- Shop Supplies		Paint Pen - White		1.00
		Paint Pen - Pellow	1	1.00
		Shop Supplies		1.00
Hours: 14.50	Comm: 0.00	Labor: 870.00	Parts: 23.98	Total: 893.98

Work Order: 1609894 Meter: 57 In Date: 09/22/2016 Closed: 11/02/2016

Problem: PM

- Pm - Top off hyd. oil - Remove debree from engine compartment and exast - Test run - Shop Supplies - Shop Supplies - Test run - Test run - Shop Supplies - Test run - Test ru	Work Completed		Parts Issued		Quantity
- Top off hyd. oil - Remove debree from engine compartment and exast - Test run - Shop Supplies - Shop Supplies - Test run - Inner Air Filter - Inn	- Def		Def Bulk Qts		15.00
- Remove debree from engine compartment and exast - Test run - Shop Supplies - Shop Supplies - Remove debree from engine compartment and exast - Test run - Shop Supplies - Shop Supplies - Inner Air Filter - 1.00 - 15-40 Oil - 15-40 Oil - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 - 11-00 -	- Pm		Water Separator		1.00
- Test run - Shop Supplies  15-40 Oil 13.00 htd filter 1.00 air filter 1.00 cabin air 1.00 Shop Supplies  1.00 Shop Supplies	- Top off hyd. oil		Oil Filter		1.00
- Shop Supplies	- Remove debree from engine compa	rtment and exast	Inner Air Filter		1.00
htd filter 1.00 air filter 1.00 cabin air 1.00 Shop Supplies 1.00	- Test run		air filter		1.00
air filter 1.00 cabin air 1.00 Shop Supplies 1.00	- Shop Supplies		15-40 Oil		13.00
cabin air 1.00 Shop Supplies 1.00			htd filter		1.00
Shop Supplies 1.00			air filter		1.00
			cabin air		1.00
Hours: 9.50 Comm: 0.00 Labor: 570.00 Parts: 597.29 Total: 1.167			Shop Supplies		1.00
1.03.10.10.00 Tallo. 007.20 Total. 1,107	Hours: 9.50	Comm: 0.00	Labor: 570.00	Parts: 597.29	Total: 1,167.29

# Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Work Order: 1611754 Meter: 57 In Date: 11/15/2016 Closed: 12/08/2016

Problem: Repair Track

Work Completed		Parts Issued		Quantity
- Reinstall track		Ultra Supreme 238 Moly Grease		4.00
- Replace lost door hinge keeper		Coupler		1.00
- To Indian Town Rd & Central		Washer Cast		2.00
- Shop Supplies		Plug		2.00
		Shop Supplies		1.00
		Freight Charge		1.00
Hours: 5.00	Comm: 0.00	Labor: 300.00	Parts: 85.66	Total: 385.66

Work Order: 1701089 Meter: 106 In Date: 02/01/2017 Closed: 02/06/2017

Problem: DEF

Work Completed		Parts Issued		Quantity
- Def		Blue Df		3.00
- Shop Supplies		Shop Supplies		1.00
Hours: 0.50	Comm: 0.00	Labor: 30.00	Parts: 42.73	Total: 72.73

### Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Work Order: 1701301 Meter: 108 In Date: 02/08/2017 Closed: 03/07/2017

Problem: Hyd. Leak

### **Work Completed**

- Resealed attachment
- Top off oil
- Def
- Replaced wiper assembly
- Install rubber mounts for presure guage
- Shop Supplies

Parts Issued	Quantity
ring	1.00
ring	1.00
seal	1.00
screw	3.00
lock washer	3.00
wiper blade	1.00
screw	1.00
wiper arm assy	1.00
nut	1.00
nut	1.00
stud	1.00
nut	1.00
Slide Terminal	1.00
elbow	1.00
hex nut	1.00
Def Bulk Qts	8.00
Aw68 Hydro Fluid Hydr	8.00
Shop Supplies	1.00
Freight Charge	1.00
Labor: 720.00 Darto: E61.E9	Total: 1 201

Hours: 12.00 Comm: 0.00 Labor: 720.00 Parts: 561.58 Total: 1,281.58

#### **Palm Beach County Fleet Management Asset Maintenance History** 2016 BOBCAT T870T4 Skid Steer Loader, Tracked 10202000

Work Order: 1702843 Meter: 138 In Date: 03/21/2017 **Closed:** 05/04/2017 Problem: pm **Parts Issued** Quantity **Work Completed** 15-40 Oil 13.00 - Pm 15w40 serv truck 13.00 - Def Oil Filter 1.00 - Repair electric to attachment air filter 1.00 - Remove winch debree Inner Air Filter 1.00 - Test Run Water Separator 1.00 - Shop Supplies htd filter 1.00 air filter 1.00 1.00 cabin air Vinyl Electrical Tape 1.00 Cable Tie 1.00 Def Bulk Ots 8.00 **Shop Supplies** 1.00 Hours: 9.00 Comm: 0.00 Labor: 540.00 Parts: 650.15 Total: 1,190.15 Work Order: 1703818 Meter: 132 In Date: 04/13/2017 **Closed**: 04/17/2017 Problem: TRANSPORT TO BOBCAT FOR REPAIR-TOW SCHED. FOR 4/14/17 AM **Work Completed** - Tow From: Fleet He Shop To: Military Just North Of 45th (5731 N Military Trail Hours: 0.00 Comm: 96.00 Labor: 0.00 Parts: 0.00 Total: 96.00 Work Order: 1703986 Meter: 132 **In Date:** 04/19/2017 **Closed:** 04/20/2017 Problem: Transport repaired BOBCAT back to HE shop

#### **Work Completed**

- Tow From: Bobcat Dealer To: He shop

Hours: 0.00 Comm: 96.00 Labor: 0.00 Parts: 0.00 Total: 96.00

# Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Work Order: 1704516 Meter: 157 In Date: 05/04/2017 Closed: 05/31/2017

Problem: Hyd leak

Work Completed	Parts Issued		Quantity
- Repair hydrolic quik couplers and lines as the were damaged in the woods	coupler		1.00
- To West Northlake	female coupler		1.00
- Refill Hyd. fluid	male coupler		1.00
- Wash Machine	coupler ff male		1.00
- Shop Supplies	coupler ff		1.00
	Coupler Ff Fem		1.00
	Rope		6.00
	hose made mako		1.00
	coolent		1.00
	service manual		1.00
	Aw68 Hydro Fluid I	Hydr	20.00
	Shop Supplies		1.00
Hours: 15.00 Comm: 0.00	Labor: 900.00	Parts: 882.53	Total: 1,782.53

Work Order: 1707988 Meter: 185 In Date: 08/15/2017 Closed: 08/21/2017

Problem: def

Work Completed			Parts Issued		Quantity
- Add Def			Blue Df		3.00
- Shop Supplies			Shop Supplies		1.00
ŀ	Hours: 0.50	Comm: 0.00	Labor: 30.00	Parts: 42.68	Total: 72.68

### Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Work Order: 1708296 Problem: P.M / check list	Meter: 202		In Date: 08/23/201	17 <b>Closed:</b> 09/26/2017
Work Completed		Parts Issued		Quantity
- pm		hose made		1.00
- def		Glos Blk		2.00
- repair hyd couplers		15-40 Oil		13.00
- replace fuel cooler		air filter		1.00
- repair cutter head door		cabin air		1.00
- Shop Supplies		htd filter		1.00
		Oil Filter		1.00
		Water Separator		1.00
		Inner Air Filter		1.00
		Blue Df		1.00
		coupler		1.00
		hose couper		1.00
		female coupler		1.00
		fuel exchnger		1.00
		hose made mako		1.00
		Primary Wire		10.00
		Shop Supplies		1.00
		Freight Charge		1.00
Hours: 37.00	Comm: 0.00	Labor: 2,220.00	Parts: 2,171.05	Total: 4,391.05
Nork Order: 1710297 Problem: DEF	Meter: 234		In Date: 10/19/201	17 <b>Closed:</b> 10/23/2017
Work Completed		Parts Issued		Quantity
- def		Blue Df		2.00
- Shop Supplies		Shop Supplies		1.00
Hours: 0.50	Comm: 0.00	Labor: 30.00	Parts: 29.12	Total: 59.12
Work Order: 1712416	<b>Meter:</b> 294		In Date: 12/18/201	17 <b>Closed:</b> 03/19/2018

Problem: pm/list

### Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

### **Work Completed**

- Pm
- Def
- winch cable an d winch repair
- check system for leaks. coolant service
- R&r exhaust system and check doser valve and replace
- R&r egr cooler. egr assembly, hoses and cooling fan
- Shop Supplies

Parts Issued	Quantity
Inner Air Filter	1.00
air filter	1.00
Oil Filter	1.00
cabin air	1.00
15-40 Oil	13.00
Water Separator	1.00
htd filter	1.00
Hydraulic Filter	1.00
wiper blade	1.00
air filter	2.00
Blue Df	2.00
winch tie rod	3.00
warn wire rope assy	1.00
mako fitting	1.00
coolent	1.00
Сар	1.00
Hw Pigmat 15x20 100ct	1.00
Quality Htr Hose	15.00
coolent	3.00
dosing module	1.00
gasket	1.00
gasket	2.00
egr valve	1.00
gasket	1.00
hose	1.00
egr cooler	1.00
hose	1.00
hose	1.00
gasket	1.00
gasket	2.00

### Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Parts Issued		Quantity
bolt		2.00
bolt		2.00
Shop Supplies		1.00
Freight Charge		1.00
Freight Charge		1.00
Freight Charge		1.00
Labor: 3,360.00	Parts: 6,337.49	Total: 9,697.49

Work Order: 1803191 Meter: 301 In Date: 03/27/2018 Closed: 03/28/2018

Comm: 0.00

Problem: DEF

Hours: 56.00

Work Completed		<b>Parts Issued</b>		Quantity
- Def		Blue Df		2.00
- Shop Supplies		Shop Supplies		1.00
Hours: 0.50	Comm: 0.00	Labor: 30.00	Parts: 29.12	Total: 59.12

Work Order: 1804353 Meter: 321 In Date: 04/26/2018 Closed: 06/11/2018

Problem: Overheating

Work Completed	Parts Issued	Quantity
- unit overheating. found radiator clogged and intercooler. evac ac systen	Gasket	2.00
and remove exhaust system. replace cooler assembly	Coolent Exchanger	1.00
- couple and uncouple attachments	Air Hose	1.00
- degrease engine bay	coolent	6.00
- long test drive	Aw68 Hydro Fluid Hydr	20.00
- Shop Supplies	Shop Supplies	1.00
	Freight Charge	1.00
	Freight Charge	1.00
	Freight Charge	1.00
Hours: 39.50 Comm: 0.00	Labor: 2,370.00 Parts: 1,973.06	Total: 4,343.06

## Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Work Order: 1805723 Meter: 325 In Date: 06/05/2018 Closed: 06/07/2018

Problem: DEF

 Work Completed
 Parts Issued
 Quantity

 - Add Def
 Blue Df
 3.00

 - Shop Supplies
 Shop Supplies
 1.00

 Hours: 0.50
 Comm: 0.00
 Labor: 30.00
 Parts: 45.61
 Total: 75.61

Work Order: 1807151 Meter: 336 In Date: 07/13/2018 Closed: 08/15/2018

Problem: DEF system

Work CompletedParts IssuedQuantity- check def systemShop Supplies1.00- Shop Supplies

Hours: 1.00 Comm: 0.00 Labor: 60.00 Parts: 2.00 Total: 62.00

Work Order: 1808627 Meter: 344 In Date: 08/21/2018 Closed: 08/29/2018

Problem: Overheating

Work CompletedParts IssuedQuantity- check engine overheat. add coolant pressure test and bleed system1gal Rtu Antifreeze2.00- to clintmoore and congressShop Supplies1.00

Hours: 4.00 Comm: 0.00 Labor: 240.00 Parts: 20.09 Total: 260.09

### Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Work Order: 1809098 Meter: 348 In Date: 09/05/2018 Closed: 01/03/2019

Problem: pm/overheat hyd

### **Work Completed**

- Pm

- Def

- Test run

- Run machine to make overheat, test guages

- Ac

- Wash coolers

- Add coolant and presure test

- Pulled tracks and rebuilt idlers

- Shop Supplies

Parts Issued	Quantity
15-40 Oil	13.00
wiper blade	1.00
Hydraulic Filter	1.00
Water Separator	1.00
cabin air	1.00
Oil Filter	1.00
air filter	1.00
Inner Air Filter	1.00
Blue Df	2.00
air filter	2.00
Ford Gra	2.00
Track Rubber	2.00
Front Idler	3.00
Roller	8.00
Sprocket	2.00
Bolt	16.00
Nut	16.00
Bolt	4.00
Washer	20.00
14.1 Ozmap-procyl	1.00
Tx-504	1.00
Rear Idler	4.00
Seal	1.00
Brush	2.00
Shop Supplies	1.00
Freight Charge	1.00
Lohor: 2 417 00 Porto: 17 042 7	E Total: 20.450

Hours: 51.00 Comm: 0.00 Labor: 3,417.00 Parts: 17,042.75 Total: 20,459.75

### Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Work Order: 1901831 Meter: 399 In Date: 02/19/2019 Closed: 02/25/2019

Problem: Coolant

 Work Completed
 Parts Issued
 Quantity

 - coolant
 1gal Rtu Antifreeze
 3.00

 - Shop Supplies
 Shop Supplies
 1.00

 Hours: 1.00
 Comm: 0.00
 Labor: 67.00
 Parts: 33.15
 Total: 100.15

Work Order: 1905140 Meter: 411 In Date: 05/13/2019 Closed: 11/20/2019

#### Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Problem: def and hyd fluid

- Def 2xs

- Add Hyd. Oil

- Top off coolant

- Replace attacment wirring harness

- Replace door glass

- Wash

- Pm

- Rebuild wdge lock cylinders

- Diagnost overheating tested coolent for exast gases

- Test run over heating

- Shop Supplies

Parts Issued	Quantity
Blue Df	3.00
Aw68 Hydro Fluid Hydr	10.00
1gal Rtu Antifreeze	2.00
Rivet	1.00
Harness	1.00
Mount	1.00
Bolt	8.00
Window Kit	1.00
15-40 Oil	13.00
Oil Filter	1.00
Water Separator	1.00
htd filter	1.00
cabin air	1.00
Inner Air Filter	1.00
air filter	1.00
Aw68 Hydro Fluid Hydr	30.00
New Pig	1.00
Spring Gas Door	1.00
Seal Kit	1.00
Permatex	1.00
Eng Cover Side Kit	1.00
door seal	1.00
Hyd Pump	1.00
Hyd Fitting	1.00
fitting	1.00
Сар	1.00
Shop Supplies	1.00
Freight Charge	1.00
Labor: 2 272 50 Porto: 0 594 12	Total: 11.056

Hours: 32.50 Comm: 0.00 Labor: 2,372.50 Parts: 9,584.13 Total: 11,956.63

### Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Work Order: 1910652 Meter: 425 In Date: 10/16/2019 Closed: 01/07/2020

Problem: Cooler and harness repair

**Work Completed** 

- Repairs by Bobcat

Hours: 0.00 Comm: 34,471.74 Labor: 0.00 Parts: 0.00 Total: 34,471.74

Work Order: 1911113 Meter: 425 In Date: 09/11/2019 Closed: 10/28/2019

**Problem:** TRANSPORT FOR REPAIR

**Work Completed** 

- Tow From: he shop To: Bobcat Of Palm Beach

Hours: 0.00 Comm: 96.00 Labor: 0.00 Parts: 0.00 Total: 96.00

Work Order: 1911272 Meter: 425 In Date: 10/30/2019 Closed:

Problem: Replace Engine

**Work Completed** 

-

Hours: 0.00 Comm: 0.00 Labor: 0.00 Parts: 0.00 Total: 0.00

Work Order: 1913126 Meter: 425 In Date: 12/20/2019 Closed: 12/30/2019

**Problem:** transport repaired Skid Steer From Bobcat of Palm beach Back to HE Shop

Sched: For 12/23/2019

**Work Completed** 

- Tow From: Bobcat of Palm Beach 5731 N Military Trl, Wpb To: He shop

Hours: 0.00 Comm: 96.00 Labor: 0.00 Parts: 0.00 Total: 96.00

Work Order: 2000345 Meter: 437 In Date: 01/07/2020 Closed: 01/10/2020

**Problem:** Transport for Broken Gas Tank

**Work Completed** 

- Tow From: He Shop To: Bobcat of Palm Beach

Hours: 0.00 Comm: 96.00 Labor: 0.00 Parts: 0.00 Total: 96.00

## Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

 Work Order:
 2000358
 Meter:
 437
 In Date:
 01/13/2020
 Closed:
 01/17/2020

Problem: fuel leak

Work CompletedParts IssuedQuantity- Diagnose fuel leak and load on truckShop Supplies1.00

- Shop Supplies

Hours: 2.00 Comm: 0.00 Labor: 146.00 Parts: 4.00 Total: 150.00

In Date:

In Date:

01/23/2020 **Closed:** 01/31/2020

04/29/2020 **Closed**: 05/08/2020

Work Order: 2000511 Meter: 437 In Date: 01/08/2020 Closed: 01/15/2020

Problem: transport first thing in am on 1/9/20

**Work Completed** 

- Tow From: bobcat of Pb 5731 n military To: vista He

Hours: 0.00 Comm: 96.00 Labor: 0.00 Parts: 0.00 Total: 96.00

**Work Order:** 2000771 **Meter:** 437

Problem: Hyd. oil

Work CompletedParts IssuedQuantity- Add hyd oilAw68 Hydro Fluid Hydr40.00- Shop SuppliesShop Supplies1.00

Hours: 1.00 Comm: 0.00 Labor: 73.00 Parts: 94.00 Total: 167.00

Meter: 452

Work Order: 2004286
Problem: DEF

 Work Completed
 Parts Issued
 Quantity

 - Def
 Blue Df
 2.00

 - Shop Supplies
 Shop Supplies
 1.00

 Hours: 1.00
 Comm: 0.00
 Labor: 73.00
 Parts: 35.02
 Total: 108.02

# Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Work Order: 2005091 Meter: 479 In Date: 05/20/2020 Closed: 07/10/2020

Problem: PM/ Codes

Work Completed	Parts Issued	Quantity
- Pm	15-40 Oil	13.00
- Pulled codes low on oil, Do to hyd. leak	Oil Filter	1.00
- Service Ac	air filter	1.00
- Replace door switch and adjust	Inner Air Filter	1.00
- Replace Ls drive motor as it was leaking	Hyd/fil	1.00
- Chipper door did'nt work. Replaced all wirring on attachment, Rep	laced Water Separator	1.00
and wired control module	air filter	2.00
- Cut chain for chipper door and add hardware	cabin air	1.00
- Refill with hyd. oil	wiper blade	1.00
- Wash	hyd filter	1.00
- Test run	Used Fire X Refurbished	1.00
- Shop Supplies	Drive Motor	1.00
	Harness	1.00
	Electrical Tape	1.00
	Controller	1.00
	Bulk Trailer Wire	6.00
	Non-chlor Brake Clnr	4.00
	Aw68 Hydro Fluid Hydr	30.00
	Shop Supplies	1.00
Hours: 51.50 Comm: 0.0		l8 Total: 10,875.9

## Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Work Order: 2007685 Meter: 503 In Date: 08/04/2020 Closed: 08/14/2020

Problem: codes/AC

Work Completed	Parts Issued	Quantity
- code for solenoid shorted to ground	B.i.c.s. Solenoid	1.00
- replace Bics valve. remove lines to access control valve. check wiring	Shop Supplies	1.00

- check Ac. repair evap box

- to rolling green

- Shop Supplies

Hours: 10.00 Comm: 0.00 Labor: 730.00 Parts: 272.55 Total: 1,002.55

Work Order: 2009035 Meter: 506 In Date: 09/09/2020 Closed: 11/17/2020

**Problem:** Codes/battery/hyd leak

Work Completed	Parts Issued	Quantity
- operator states warning light on. Retrieve m1210 and m1211 codes.	Pressure Sensor	1.00
Inspect lat sensor. Work with factory rep to diag. Found bad lat sensor assy.	Distilled Water 1gal	1.00
- R&r faulty lat sensor assy. Bleed cooling system.	coolent	1.00
- operator states unit will not start. Load test battery. battery failed load test.	Group 31 Post	1.00
R&r battery	Air Temp Sensor	1.00
- Hydraulic leak in center of machine under cab. Repair low pressure return to tank line.	Shop Supplies	1.00
	Freight Charge	2.00

- Road call to High Ridge Rd natural area.

- Pressure clean spilled hydraulic oil from machine.

- Test run.

- Shop Supplies

Hours: 24.00 Comm: 0.00 Labor: 1,752.00 Parts: 820.15 Total: 2,572.15

Work Order: 2011090 Meter: 503 In Date: 11/03/2020 Closed: 12/15/2020

Problem: Repairs by Bobcat

**Work Completed** 

- Engine, other

Hours: 0.00 Comm: 643.80 Labor: 0.00 Parts: 0.00 Total: 643.80

## Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Work Order: 2011332 Meter: 503 In Date: 11/12/2020 Closed: 11/18/2020

Problem: Hyd. Oil

 Work Completed
 Parts Issued
 Quantity

 - unit low on aw68. fill unit.
 Aw68 Hydro Fluid Hydr
 4.00

 - Shop Supplies
 Shop Supplies
 1.00

 Hours: 1.00
 Comm: 0.00
 Labor: 73.00
 Parts: 13.00
 Total: 86.00

Work Order: 2012390 Meter: 503 In Date: 12/14/2020 Closed: 12/16/2020

Problem: The mulcher needs DEF fluid. Thank you

Work Comp	leted		Parts Issued		Quantity
- Add def	Diesel exhaust fluid to T870t4 Loader		Blue Df		2.00
- Shop Supp	lies		Shop Supplies		1.00
	Hours: 1.00	Comm: 0.00	Labor: 73.00	Parts: 35.02	Total: 108.02

## Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Work Order: 2100261 Meter: 503 In Date: 01/08/2021 Closed: 02/08/2021

Problem: Leaky hydraulic line. PM Service

Work Completed		Parts Issued		Quantity
- Preventive Maint. Service		Power Bobtach		1.00
- Removed and replaced damaged hydraulic lines	going thru the right side	Hose Made Mako		1.00
boom to the bob-tach cylinder		15w40 serv truck		13.00
- To Mako		Oil Filter		1.00
- Removed and replaced damaged/leaking bob-ta	ach wedge cylinder.	cabin air		1.00
- Test Run		air filter		1.00
- Added Def		Inner Air Filter		1.00
- Shop Supplies		air filter		1.00
		Water Separator		1.00
		Used Fire X Refurb	ished	1.00
		htd filter		1.00
		hyd filter		1.00
		Hydraulic Filter		1.00
		wiper blade		1.00
		Service Aw68		16.00
		Blue Df		1.00
		Shop Supplies		1.00
Hours: 16.00	Comm: 0.00	Labor: 1,168.00	Parts: 2,272.41	Total: 3,440.4

Work Order: 2101394 Meter: 503 In Date: 02/05/2021 Closed: 02/08/2021

Problem: MO217 Code. Thank you

Work CompletedParts IssuedQuantity- Operator states oil filter clogged code comes on when unit is cold. Inspect<br/>unit and found no issues. Ambient temps when code came on near freezing.Shop Supplies1.00

- Test run

- Shop Supplies

Cold oil likely cause.

Hours: 2.50 Comm: 0.00 Labor: 182.50 Parts: 4.00 Total: 186.50

## Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Work Order: 2101510 Meter: 503 In Date: 02/09/2021 Closed: 02/25/2021

Problem: Work order to heavy equipment mulcher head has a hydraulic leak and still sending code. Thank you

Work Completed	Parts Issued	Quantity
- Replace Leaking Hyd hose and fittings on Mulcher	Hose Made Mako	1.00
- Add Hyd Oil to system	Aw68 Hydro Fluid Hydr	20.00
- Wash Mulcher unit before, and after repairs	Shop Supplies	1.00

- Test System Operation

- To Mako Hose

- Shop Supplies

Hours: 8.00 Comm: 0.00 Labor: 584.00 Parts: 171.24 Total: 755.24

Work Order: 2102186 Meter: 503 In Date: 02/25/2021 Closed: 03/05/2021

Problem: Repairs by Bobcat

Work Completed		Parts Issued		Quantity
- Hydraulic & Pressure Sys		Parts And Service		1.00
- Shop Supplies		<b>Shop Supplies</b>		1.00
Hours: 0.00	Comm: 0.00	Labor: 0.00	Parts: 755.74	Total: 755.74

Work Order: 2103778 Meter: 503 In Date: 04/02/2021 Closed: 06/28/2021

Problem: Hyd over heating

Work Completed		Parts Issued		Qı	ıantity
- hyd oil overheating, found hyd oil level love not o sight gla	ass. toped off	Aw68 Hydro Fluid	Hydr		20.00
hyd oil		Exchang Screen			1.00
- wash out coolers. order radiator gaurd		Shop Supplies			1.00
- wash dirt out of tracks					
- to and from Erm lot					
- Shop Supplies					
Hours: 4.00 Co	omm: 0.00	Labor: 292.00	Parts: 644.46	Total:	936.46

### Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Work Order: 2106802 Meter: 503 In Date: 06/22/2021 Closed: 06/24/2021

Problem: DEF

 Work Completed
 Parts Issued
 Quantity

 - Add Def Fluid
 Blue Df
 2.00

 Hours: 0.00
 Comm: 0.00
 Labor: 0.00
 Parts: 32.01
 Total: 32.01

Work Order: 2109273 Meter: 503 In Date: 08/26/2021 Closed: 09/27/2021

Problem: PM Service.

Work Completed	Parts Issued	Quantity
- Preventive Maint. Service	Water Separator	1.00
- Rear light connectors cut out by debris or rear fans	air filter	1.00
- Take out slack adjuster and reseat seals holding pressure as design	Inner Air Filter	1.00
- Add Def	Oil Filter	1.00
- multiple test runs	15-40 Oil	13.00
- Unload unit	Hyd/fil	1.00
- Shop Supplies	Hydraulic Filter	1.00
	htd filter	1.00
	hyd filter	1.00
	air filter	2.00
	cabin air	1.00
	Used Fire X Refurbished	1.00
	Cable Tie	1.00
	Led Adapter Plug	2.00
	Shop Supplies	1.00
Hours: 15.00 Comm: 0.0	00 Labor: 1,095.00 Parts: 694.65	Total: 1,789.6

### Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Work Order: 2110618 Meter: 503 In Date: 09/30/2021 Closed: 10/22/2021

**Problem:** It was giving an active warning for hydrostatic/hydraulic filter clogged./ M0317 code

Work CompletedParts IssuedQuantity- Inspected For Issues No Codes Found Replaced Main Hydraulic FilterHyd Filter1.00- Found Entry Door Hard To Close Causing System Shut Down ForShop Supplies1.00

Hydraulics Adjusted Latch And Striker For Door

- Performed Extanded Road Test Testing All Systems All Work As Designed

- Shop Supplies

Hours: 4.50 Comm: 0.00 Labor: 328.50 Parts: 93.32 Total: 421.82

Work Order: 2112096 Meter: 503 In Date: 11/09/2021 Closed: 11/12/2021

**Problem:** Mulcher is sending codes - M1210. M1211. mulcher is sending codes. > M1210. M1211. mulcher is sending codes. > M1210.

Work CompletedParts IssuedQuantity- Code M1210,m1211 Intake Air Box came undone causing Dtc secure airShop Supplies1.00

box and clear Dtc. No parts Bill

- Shop Supplies

Hours: 1.00 Comm: 0.00 Labor: 73.00 Parts: 2.65 Total: 75.65

Work Order: 2112915 Meter: 503 In Date: 12/07/2021 Closed: 02/11/2022

Problem: Bobcat is in shutdown mode at Delaware scrub.

Work Completed	Parts Issued
- Replace belt and tensioner for hydraulic pump motor. Remove battery and	Drive Belt
engine flywheel in order to access. Shave frame in order to remove tensione	Wheel
bolt.	Tensioner
- To Delaware scrub park. 3x	Belt

- Repair all wiring damaged by hydraulic pump belt/tensioner. Replace Def dosing unit connector and harness. Repair coolant temp sensor harness. Lift cab and remove all access panels from under cab and from under tracks.

- Order keys

- Shop Supplies

	Parts issued		Quantity
nd	Drive Belt		1.00
ner	Wheel		1.00
	Tensioner		1.00
	Belt		1.00
ef ift	Belt Idler Ten		1.00
IIΙ	Def Mount Tank Kit		1.00
	key 10		2.00
	Electrical Tape		1.00
	Shop Supplies		1.00
	Freight Charge		1.00
	Labor: 2,263.00	Parts: 1,045.61	Total: 3,308.61

Quantity

Hours: 31.00 Comm: 0.00 Labor: 2,263.00 Parts: 1,045.61 Total: 3,308.6

### Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Work Order: 2203769 Meter: 503 In Date: 04/07/2022 Closed: 04/11/2022

Problem: Hyd. Oil

Work Completed		<b>Parts Issued</b>		Quantity
<ul><li>Operator States hydraulic fluid low on sight gauge inspected for leaks found none at this time. topped off machine.</li><li>Shop Supplies</li></ul>		Hydraulic Fluid		1.00
		Shop Supplies		1.00
Hours: 2.00	Comm: 0.00	Labor: 146.00	Parts: 71.71	Total: 217.71

### Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Work Order: 2205194 Meter: 503 In Date: 05/16/2022 Closed: 10/11/2022

Problem: PM Service.

### **Work Completed**

- Preventive Maint. Service

- fill def
- he shop
- road tested
- replace fire extinguisher
- replace missing lift arm support
- Shop Supplies

Quantity
13.00
1.00
1.00
1.00
1.00
1.00
2.00
1.00
1.00
1.00
1.00
1.00
1.00
1.00
2.00
1.00
1.00
2.00
2.00
2.00
1.00

Hours: 9.00 Comm: 0.00 Labor: 657.00 Parts: 1,070.16 Total: 1,727.16

### Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Work Order: 2208583 Meter: 698 In Date: 08/17/2022 Closed: 12/15/2022

**Problem:** Machine is leaking hydraulic oil. The machine is on the wash rack at fleet.

Work Completed		Parts Issued		Quantity
hyd leak - found L side drive motor leaking, remove and replace drive	Hyd Drive Motor		1.00	
motor. r&r track to access. add fluid.		15-40 Oil		13.00
- coolant reservor dry rot - replace tank and	cap.	Oil Filter Replacing	7012303	1.00
- wash out tracks for repair		air filter		1.00
- front and rear cab safety glass unable to se	ee through - replace both assys	Fuel Filter		1.00
- pm		Inner Air Filter		1.00
- svc a/c. repair air box inlet. reseal. wash ou	it evap. and heater core	htd filter		1.00
- add Def		hyd filter		1.00
- adjust tracks. check final drives fluid ok		wiper blade		1.00
- 2 pins on boom not taking grease. remove	e pins and clear clog. clean and	Used Fire X Refurbi	shed	1.00
smooth pins and bushings. ok now		cabin air		1.00
- test run		air filter		2.00
- Shop Supplies		Blue Df		1.00
		Aw68 Hydro Fluid I	Hydr	50.00
·	Aw68 Hydro Fluid I	Hydr	16.00	
	Сар		1.00	
		Tank		1.00
		Decal		1.00
		Window Kit		1.00
		Window Kit		1.00
		Shop Supplies		1.00
		Freight Charge		1.00
Hours: 33.00	Comm: 0.00	Labor: 2,409.00	Parts: 10,022.19	Total: 12,431.

Work Order: 2300080 Meter: 714 In Date: 01/04/2023 Closed: 02/21/2023

Problem: Front step needs replaced also bottom of windshield needs new bolts and please check door hinges.( wobbly).

Work Completed	Parts Issued	Quantity
- front step broke - replace step and bracket. bend mount straight.	Aw68 Hydro Fluid Hydr	20.00
	Belt Alt	1.00

## Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

- replace broke hardware for front glass.
- repair reweld paint broke wiper guard; rust repair door bottom. replace broke wiper arm. repair wiper motor and cover. replace door hinge assys.
- hyd leak lift cyl. R side leaking. remove cyl. and reseal. reinstall cyl
- pin for winch swing mount missing fab up replacement
- hyd leak at quick connects replace all 3 machine side. top off oil
- replace damaged serp. belt
- belt noise found a/c compressor bolts broke off belt out of place. remove covers, compressor and mounting bracket. drill and tap bolt holes new hardware
- Shop Supplies

Parts Issued		Quantity
Step Lift Arm		1.00
Safety Nut		2.00
Bracket		1.00
Bolt		24.00
Spring		2.00
Door Seal		3.00
Plug		2.00
Hinge		2.00
Hinge Door		2.00
Door Plate		2.00
wiper blade		1.00
wiper arm assy		1.00
Ballstud		1.00
Nut		6.00
Spacer		1.00
Spacer		1.00
Bushing		2.00
screw		1.00
Nut		1.00
Gloss Bl		1.00
Seal Kit		2.00
female coupler		1.00
coupler		1.00
male coupler		1.00
Washer		24.00
Shop Supplies		1.00
Freight Charge		1.00
Freight Charge		1.00
Lahor: 2 263 00	Parts: 1 AA1 A3	Total: 3 704 /

Hours: 31.00 Comm: 0.00 Labor: 2,263.00 Parts: 1,441.43 Total: 3,704.43

## Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Work Order: 2303116 Meter: 746 In Date: 03/28/2023 Closed: 03/31/2023

Problem: hyd oil/loose track

Work Completed	Parts Issued	Quantity
- Operator states low hydraulic oil level. Top off oil. Check for leaks. Ok at	Non-chlor Brake Clnr	2.00
this time.	1cart Palladium 2 Grs	4.00
- Operator states track is loose. Adjust tracks.	Shop Supplies	1.00

- Service Call to Congress @ 6th ave

- Test run.

- Shop Supplies

Hours: 5.00 Comm: 0.00 Labor: 365.00 Parts: 27.84 Total: 392.84

Work Order: 2303811 Meter: 762 In Date: 04/17/2023 Closed: 06/08/2023

Problem: hyd leak

Work Completed	Parts Issued	Quantity
- Repair hydraulic leak from attachment bulkhead. Replace bulkhead, all	Coupler Block	1.00
quick connects and damaged hoses for attachment.	Hose Made Mako	1.00
- To Loxahatchee Slough X3	Aw68 Hydro Fluid Hydr	80.00
- To Mako plus wait time.	Connector Kit	1.00
- Rewire electrical bulkhead connection for attachment.	Shop Supplies	1.00

- Test Run.

- Refill hydraulic system.

- Shop Supplies

Hours: 15.00	Comm: 0.00 La	bor: 1,095.00 Parts: 1,7	14.81 Total: 2,809.81
Work Order: 2305749	Meter: 767	In Date:	06/08/2023 <b>Closed</b> : 07/26/2023

Work Completed

## Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Problem: PM/Hyd. oil leak

Work completed
- right side boom cylinder leaking, pull battery and bracket to gain access to
lower pin retaining bolt. clean out packed mud and sticks around lower half
of cylinder. remove and rebuild right side boom cylinder. reinstall and check
for leaks

- Pm
- ac service
- to and from Jupiter ridge
- fill hyd tank for transport
- exhaust stack rusted through, allowing water to enter exhaust system. remove rear exhaust cover panel to access mounting hardware for exhaust. install new exhaust stack and reinstall panel.
- squealing at idle and when under load. Remove battery bracket and other hose brackets in way of belt tensioner bracket. remove hyd pump drive belt found to be severely worn. replace hyd pump drive belt. set tension to 40ftlbs as per bobcat manual.
- replace battery
- wash packed mud and sticks from frame
- test run
- add def
- Shop Supplies

Parts Issued		Quantity
New Pig		1.00
Hydraulic Fluid		2.00
Non-chlor Brake Clni	•	18.00
Seal Kit		3.00
Oil Filter Replacing 7	012303	1.00
Fuel Filter		1.00
hyd filter		1.00
Inner Air Filter		1.00
air filter		1.00
Hyd Filter		1.00
Clamp		2.00
wiper blade		1.00
15-40 Oil		13.00
Delvac 15w40 1 Ga		4.00
Cable Tie		1.00
Hotshot		1.00
cabin air		1.00
air filter		2.00
Lucas Oil Stabl 32oz		2.00
Used Fire X Refurbish	ned	1.00
Group 31 Post		1.00
Drive Belt		1.00
Exhaust Tip		1.00
Non-chlor Brake Clni	•	2.00
Lucas Red-tacky Grs		2.00
Shop Supplies		1.00
Freight Charge		1.00
Freight Charge		1.00
Labor: 2.153.50	Parts: 2.166.68	Total: 4.320.

Hours: 29.50 Comm: 0.00 Labor: 2,153.50 Parts: 2,166.68 Total: 4,320.18

#### **Palm Beach County Fleet Management Asset Maintenance History** 2016 BOBCAT T870T4 Skid Steer Loader, Tracked 10202000

Work Order: 2309508 Meter: 825 In Date: 09/19/2023 **Closed:** 09/22/2023

Problem: Repair Hyd. leak

**Parts Issued Work Completed** Quantity - Repaired hydraulic leak at mulcher attachment. Fill oil and check for leaks. Prem Aw 68 Hyd Fl 5g 1.00 Ok. **Shop Supplies** 1.00

- Remove mulching debris from cooler and screens at rear of machine.

- Test run.

- Shop Supplies

Hours: 2.00 Comm: 0.00 Labor: 146.00 Parts: 61.26 Total: 207.26 Work Order: 2310727

In Date:

10/24/2023 **Closed:** 10/25/2023

**Problem:** Machine is low on hydrologic oil.

**Parts Issued** Quantity **Work Completed** Prem Aw 68 Hyd Fl 5g 3.00 - Add oil and check for leaks. Leak found at mulching head unit. Replace flat faced o rings and recheck. **Shop Supplies** 1.00

Meter: 840

- To Frenchman forest.

- Shop Supplies

Hours: 3.50 Comm: 0.00 Labor: 255.50 Parts: 178.47 Total: 433.97 Meter: 869 In Date: 11/06/2023 Closed: 11/29/2023

Work Order: 2311171 Problem: hyd leak

> **Parts Issued Work Completed** Quantity Hose Made Mako 1.00 - Replace all hydraulic hoses for mulcher attachment. Prem Aw 68 Hyd Fl 5g 2.00 - To Frenchmen Forest, x2 Fitting From Mako 1.00 - To Mako plus wait time. **Shop Supplies** 1.00 - Shop Supplies Hours: 13.00 Comm: 0.00 Labor: 949.00 Parts: 1,250.47 Total: 2,199.47

Work Order: 2401524 Meter: 869 02/09/2024 **Closed:** 02/09/2024 In Date:

**Problem:** Transition Prep Charge

### **Work Completed**

- Transition Prep Charge

# Palm Beach County Fleet Management Asset Maintenance History 10202000 2016 BOBCAT T870T4 Skid Steer Loader, Tracked

Hours: 2.00 Comm: 0.00 Labor: 146.00 Parts: 0.00 Total: 146.00

Total Hours: 612.00 Total Labor: 41,647.00 Total Comm: 35,691.54 Total Parts: 72,265.44