

MIKE HAMILTON LOGGING LTD.
EQUIPMENT MAINTENANCE REPORT
F14 - Tigercat Feller Buncher - S/N: 87022239

Vendor	Invoice	Date	Hours	Cost	Description
UBI		02/10/2011	3.00	0.00	troubleshoot fuel leaks on engine, order parts & pickup at airport
UBI		02/11/2011	4.50	0.00	replace leaking fuel line #5 cyl replace grease line left from lift cyl
MHL		02/28/2011	0.00	25.66	Monthly equipment costs for February 2011
UBI		03/07/2011	3.00	0.00	change hydr hose for stick cyl, get new hose made at CV Hydr
MYCO		03/15/2011	1.00	25.67	Leak
MYCO		03/17/2011	1.00	25.67	Antenna
MYCO		03/25/2011	1.50	38.51	Hyd leak
MYCO		03/31/2011	1.00	25.67	Turn saw teeth
MHL		03/31/2011	0.00	803.93	Monthly equipment costs for March 2011
MYCO		04/06/2011	6.00	154.02	150 hr service
JDM		04/06/2011	6.00	132.00	Service with Kenworth
ONTRACK		04/06/2011	9.00	0.00	- complete service, check over 150hr service w/Kenworth, build bracket and mount tool box in back
MYCO		04/08/2011	3.50	89.85	Service
MYCO		04/11/2011	3.50	89.85	Adjust saw blade
MYCO		04/13/2011	0.75	19.25	O-ring
MYCO		04/21/2011	1.00	25.67	Turn teeth
MYCO		04/29/2011	1.50	38.51	
MHL		04/30/2011	0.00	607.46	Monthly equipment costs for April 2011
MYCO		05/04/2011	5.00	128.35	
ONTRACK		05/09/2011	1.00	0.00	- look for small leak, remove 250 hr grease plugs, order allan socket for Bruce, Bruce greased 250hr spots & reinstalled plugs
MYCO		05/10/2011	1.00	25.67	turn saw teeth
MYCO		05/12/2011	4.00	102.68	hydr hose
MYCO		05/16/2011	1.00	25.67	hydr leak
MYCO		05/19/2011	1.00	25.67	

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		05/25/2011	2.00	51.34	broken fitting
MYCO		05/26/2011	2.00	51.34	
ONTRACK		05/26/2011	2.00	0.00	- get eng hoods to work, adj side door so you can get in it, check leak on head wrists, tighten fittings
MYCO		05/30/2011	4.00	102.68	Service
MYCO		05/31/2011	2.00	51.34	Hyd leak
MHL		05/31/2011	0.00	704.00	Monthly equipment costs for May 2011
MYCO		06/01/2011	1.00	25.67	Leak
MYCO		06/02/2011	1.00	25.67	Rotate saw teeth
MYCO		06/03/2011	0.50	12.84	Oring
MYCO		06/28/2011	1.00	25.67	New teeth
MHL		06/30/2011	0.00	547.35	Monthly equipment costs for June 2011
MYCO		07/07/2011	2.00	51.34	Hyd leak
ONTRACK		07/14/2011	0.25	0.00	- parts
MYCO		07/15/2011	7.50	192.53	500hr service, repairs
ONTRACK		07/15/2011	1.00	0.00	- repair RH travel motor hose guard, adj LH rear side door
ONTRACK		07/15/2011	5.50	0.00	- 500 hr service, change swing & final drive oil, replace air & hydr filters
ONTRACK		07/21/2011	0.50	0.00	- fill 4ltrs of gear oil
MHL		07/31/2011	0.00	2,080.89	Monthly equipment costs for July 2011
MYCO		08/04/2011	1.00	25.67	Rotate saw teetch
MYCO		08/09/2011	5.00	128.35	Blown hose, run to town
MYCO		08/15/2011	2.00	51.34	New teeth
ONTRACK		08/16/2011	2.50	0.00	- repair stick pin grease line, repair dump cycl top guard
MYCO		08/17/2011	1.00	25.67	Fix bracket
ONTRACK		08/17/2011	1.50	0.00	- replace 4 bolts on dump cycl top guard
ONTRACK		08/19/2011	0.15	0.00	- parts
MYCO		08/31/2011	1.00	25.67	Hyd leak
ONTRACK		08/31/2011	0.35	0.00	- parts
MHL		08/31/2011	0.00	2,013.94	Monthly equipment costs for August 2011
ONTRACK		09/02/2011	0.50	0.00	- parts

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		09/02/2011	3.00	0.00	- 250 hr service, repair stick pin & grease fitting, adj LH back door, repair camp radio ant
MYCO		09/02/2011	4.00	102.68	Service/repairs
ONTRACK		09/03/2011	0.50	0.00	- check out & remove LH side work lite
MYCO		09/20/2011	1.50	38.51	Blown hose
MYCO		09/30/2011	1.00	25.67	Cutting teeth
MHL		09/30/2011	0.00	374.00	Monthly equipment costs for September 2011
MYCO		10/03/2011	8.50	263.12	Help mechanic
ONTRACK		10/03/2011	0.50	0.00	- look fo 2' 3/4 drive extension
MYCO		10/07/2011	5.00	128.35	Change tilt cyl
MHL		10/31/2011	0.00	32.60	Monthly equipment costs for October 2011
MYCO		11/07/2011	4.00	102.68	Blown hose
INK10	CR245609	11/08/2011	0.00	8,700.00	INK10 - Blade - 4265D
MYCO		11/09/2011	1.00	25.67	Hyd leak
MYCO		11/14/2011	3.00	77.01	500 hr service
ONTRACK		11/14/2011	5.00	0.00	- service eng & hydr, found broken bracket for a/c belt tention, go to KW to get part & warranty going
B&L10	2584	11/14/2011	0.00	1,848.85	B&L10 - Mfg rod and piston head, bore cyl ends etc
ONTRACK		11/15/2011	2.00	0.00	- change hydr filters, bleed system
MYCO		11/15/2011	2.00	51.34	Complete service
MYCO		11/22/2011	4.00	102.68	Change saw disc, welding
MYCO		11/30/2011	1.00	25.67	Turn teeth
MHL		11/30/2011	0.00	1,890.97	Monthly equipment costs for November 2011
INK10	CR57756	12/01/2011	0.00	883.20	INK10 - Remove and replace saw blade
MYCO		12/14/2011	2.00	51.34	Kenworth mechanic working on machine
INK10	CR57985	12/29/2011	0.00	475.20	INK10 - Replace damaged a/c compressor
MHL		12/31/2011	0.00	1,433.74	Monthly equipment costs for December 2011
INK10	CR58218	01/03/2012	0.00	922.13	INK10 - Repair crossthreaded saw teeth
ONTRACK		01/12/2012	1.00	0.00	- change swivel #12 at head, will order more, 2 others starting to leak
MYCO		01/19/2012	3.00	77.01	Service

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		01/19/2012	4.00	0.00	- reseal swivels, service eng & filters, change planetary oils, LH planetary making oil, change swing oil,
MYCO		01/27/2012	1.00	25.67	Turn saw teeth
MHL		01/31/2012	0.00	806.08	Monthly equipment costs for January 2012
MYCO		02/08/2012	2.00	51.34	Hyd leak
ONTRACK		02/08/2012	2.00	0.00	- fix oil leak on saw head, check fire suppression buzzer going off/on, talk to Kenworth about warranty, they are sending Protech to check & fix
MYCO		02/21/2012	2.00	51.34	Hyd leak
ONTRACK		02/21/2012	2.00	0.00	- check out hydr leak around collector, replace oring main lift cycl hose at hydr block
MYCO		02/22/2012	3.00	77.01	Hyd leak, change filters
MYCO		02/23/2012	1.50	38.51	New teeth, service
MHL		02/29/2012	0.00	445.03	Monthly equipment costs for February 2012
MYCO		03/01/2012	2.00	51.34	Eng oil leak
ONTRACK		03/01/2012	1.50	0.00	- check out eng oil leak, replace 3 saw head hose roto unions
ONTRACK		03/03/2012	3.00	0.00	- check out turbo oil feed line fitting on filter housing (striped)
MYCO		03/04/2012	5.00	128.35	Help Kenworth mechanic
MYCO		03/08/2012	2.50	64.18	Hyd leak
ONTRACK		03/08/2012	0.20	0.00	- parts
ONTRACK		03/13/2012	0.20	0.00	- parts
MYCO		03/17/2012	1.00	38.51	Hyd hose
ONTRACK		03/17/2012	0.50	0.00	- made hydr hose
MYCO		03/18/2012	1.50	38.51	Hyd hose
MYCO		03/20/2012	4.00	102.68	Service
ONTRACK		03/20/2012	5.00	0.00	- complete service eng/hydr, wash carbody
ONTRACK		03/21/2012	2.00	0.00	- weld saw but plate
MYCO		03/28/2012	1.00	25.67	Turn saw teeth
KYLER		03/30/2012	0.50	0.00	Check out exhaust leak under turbo blanket
MHL		03/31/2012	0.00	1,282.02	Monthly equipment costs for March 2012
MYCO		04/04/2012	1.00	25.67	Change teeth

Vendor	Invoice	Date	Hours	Cost	Description
KYLER		04/10/2012	1.50	0.00	Weld up right rear door hinge bracket, realign door, check out cracked hyd pump bracket and order new
INK10	CR253374	04/11/2012	0.00	617.92	INK10 - Exhaust flex assembly - 26334B
MYCO		04/12/2012	3.00	77.01	Exhaust leak
UBI		04/12/2012	5.50	0.00	install new exhaust from turbo to muffler, install new fan motor pum& support belts, order parts
MYCO		04/13/2012	1.00	25.67	Hyd leak
INK10	CR253653	04/16/2012	0.00	1,104.00	INK10 - Protech to repair fire suppression
INK10	CR253909	04/19/2012	0.00	-617.92	INK10 - Exhaust flex assembly returned
MYCO		04/19/2012	1.00	25.67	Rotate saw teetch
MHL		04/30/2012	0.00	1,450.01	Monthly equipment costs for April 2012
MYCO		05/15/2012	2.00	51.34	
MHL		05/31/2012	0.00	840.22	Monthly equipment costs for May 2012
INK10	CR58401	06/01/2012	0.00	825.96	INK10 - Check final drive for overpressure and repair
INK10	CR58629	06/01/2012	0.00	1,313.95	INK10 - Repair oil cooler/filter housing assembly
KYLER		06/01/2012	4.00	0.00	500hr service, change out final drive oils and swing drive oil, install new fire blanket on eng
MYCO		06/14/2012	1.00	26.18	Hyd leak
INK10	CR257106	06/15/2012	0.00	-820.82	INK10 - Travel charges deducted from warranty work
MYCO		06/18/2012	4.00	104.72	
KYLER		06/18/2012	5.00	0.00	Remove tilt cyl guarding, remove broken bolt, weld new nut for guarding, reinstall and secure, change fuel filter, clean wood debris from base of boom
KYLER		06/19/2012	1.00	0.00	Install camp radio antenna
MHL		06/30/2012	0.00	343.96	Monthly equipment costs for June 2012
MYCO		07/04/2012	1.00	26.18	Hyd leak
MYCO		07/09/2012	3.00	91.63	Hyd hose
ONTRACK		07/18/2012	2.00	0.00	- installll belt, better fit, made the day
MHL		07/31/2012	0.00	415.64	Monthly equipment costs for July 2012
MHL		09/30/2012	0.00	400.73	Monthly equipment costs for September 2012
MYCO		10/01/2012	2.00	52.36	Hyd leak
MYCO		10/03/2012	2.00	52.36	Hyd leak
ONTRACK		10/05/2012	0.50	0.00	- check & repair cab heater fan

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		10/18/2012	4.00	104.72	Service
MYCO		10/19/2012	1.00	26.18	Air filter, lights
MYCO		10/24/2012	2.00	52.36	Change hose
MYCO		10/29/2012	4.00	117.81	Turbo air intake elbow
MHL		10/31/2012	0.00	2,818.10	Monthly equipment costs for October 2012
MYCO		11/02/2012	4.00	104.72	Welding repairs
MYCO		11/07/2012	2.00	52.36	Hyd leak
MYCO		11/09/2012	1.00	26.18	Hyd hose
MYCO		11/16/2012	5.00	130.90	Kenworth mechanics working on machine
MYCO		11/22/2012	3.00	78.54	Hyd hoses
MYCO		11/22/2012	0.75	19.64	Make two hyd hoses
ONTRACK		11/26/2012	0.25	0.00	- parts
MYCO		11/27/2012	1.00	26.18	
ONTRACK		11/27/2012	0.50	0.00	- parts
MYCO		11/30/2012	1.50	39.27	Hyd hose
MHL		11/30/2012	0.00	1,661.89	Monthly equipment costs for November 2012
MYCO		12/05/2012	1.00	26.18	Hyd leak
MYCO		12/07/2012	1.00	39.27	Change hose
MYCO		12/13/2012	1.00	39.27	Hyd leak
MHL		12/31/2012	0.00	919.18	Monthly equipment costs for December 2012
MYCO		01/07/2013	1.00	26.18	Hyd leak
MYCO		01/10/2013	1.00	26.18	Hyd leak
MYCO		01/14/2013	4.00	104.72	Hyd hose
MYCO		01/16/2013	1.00	26.18	Hyd hose
MYCO		01/17/2013	1.50	39.27	New tool cyl bracket, belting
MYCO		01/23/2013	0.50	13.09	Hyd leak
MYCO		01/24/2013	1.00	26.18	Fan quit
MYCO		01/25/2013	1.50	39.27	Fix fan short
MHL		01/31/2013	0.00	1,132.77	Monthly equipment costs for January 2013
MYCO		02/07/2013	2.50	65.45	
MYCO		02/13/2013	2.50	65.45	Welding

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		02/13/2013	3.50	0.00	- weld butt plate, remove broken bolt from head plate, order filters for service
MYCO		02/16/2013	4.50	176.72	Service, repairs
ONTRACK		02/16/2013	7.00	0.00	- 500 hr service, change hood switch, remove broken bolts from front hose guards, pick up parts in CR
MYCO		02/20/2013	1.00	26.18	Hyd leak
MYCO		02/21/2013	1.00	26.18	
MYCO		02/26/2013	1.00	26.18	Find leak
ONTRACK		02/26/2013	0.20	0.00	- parts
ONTRACK		02/26/2013	1.00	0.00	- check out hydr leak under main boom hydr block - hose is leaking at crimp
ONTRACK		02/27/2013	2.50	0.00	- replace hydr hose from valve bank to lift cycl hydr block, replace oring on hdyr block top
MYCO		02/27/2013	1.50	39.27	Change hose
MHL		02/28/2013	0.00	3,524.57	Monthly equipment costs for February 2013
MYCO		03/05/2013	1.00	26.18	Find leak
MYCO		03/06/2013	1.50	39.27	Find leak
MYCO		03/13/2013	3.00	78.54	hydraulic leak
INK10	CR270982	03/14/2013	0.00	591.95	INK10 - AC compressor - BR091
ONTRACK		03/23/2013	5.00	0.00	- install guard on buncher head, change a/c compressor, recharge
MYCO		03/28/2013	1.50	39.27	
MHL		03/31/2013	0.00	1,272.37	Monthly equipment costs for March 2013
ONTRACK		04/04/2013	1.00	0.00	- help hchange hose to saw motor, takes 2 to do
MYCO		04/04/2013	2.00	52.36	Hyd hose
ONTRACK		04/10/2013	4.00	0.00	- service eng, change swing & final oils
ONTRACK		04/11/2013	1.00	0.00	- help change hose to saw motor
MYCO		04/14/2013	1.00	26.18	Hyd hose
ONTRACK		04/14/2013	1.00	0.00	- help change hydr hose, build new hose at shop trailer
MYCO		04/17/2013	1.00	26.18	Hyd leak
MYCO		04/18/2013	1.00	26.18	Turn teeth
MYCO		04/19/2013	1.00	39.27	

Vendor	Invoice	Date	Hours	Cost	Description
PTF10	1020	04/21/2013	0.00	572.51	PTF10 - Troubleshoot fire system
MYCO		04/22/2013	2.00	52.36	hyd hose
MYCO		04/23/2013	2.50	65.45	Welding
MYCO		04/24/2013	2.00	52.36	
ONTRACK		04/24/2013	0.25	0.00	- parts
ONTRACK		04/24/2013	2.00	0.00	- weld up 2 cracks on head butt plate, check out hydr filter leak
ONTRACK		04/25/2013	3.50	0.00	- replace saw pump hydr screen filter, tighten head skid plate botl, replace 3 bolts & nuts, replace roto union on hose going to head
ONTRACK		04/25/2013	0.35	0.00	- parts
MYCO		04/25/2013	2.00	52.36	Hyd filter, bolts
MHL		04/30/2013	0.00	2,412.54	Monthly equipment costs for April 2013
ONTRACK		05/07/2013	0.25	0.00	- parts
ONTRACK		05/07/2013	2.00	0.00	- straighten & remove broken bolt on car body step guards
MYCO		05/08/2013	1.50	39.27	Fix guard
ONTRACK		05/10/2013	0.35	0.00	- parts
ONTRACK		05/10/2013	0.50	0.00	- parts
MYCO		05/16/2013	1.00	26.18	
MYCO		05/17/2013	1.00	26.18	
ONTRACK		05/17/2013	0.15	0.00	- parts
ONTRACK		05/22/2013	0.50	0.00	- make up travel hoses rubber guard
MYCO		05/22/2013	1.50	39.27	Hyd leak
MYCO		05/27/2013	6.50	170.17	Ice picks
MYCO		05/30/2013	1.00	26.18	
MHL		05/31/2013	0.00	3,770.54	Monthly equipment costs for May 2013
MYCO		06/04/2013	1.50	39.27	
MYCO		06/06/2013	1.50	39.27	Hyd hose
MYCO		06/12/2013	1.50	40.05	Hyd hose
MYCO		06/17/2013	1.50	40.05	Hyd hose
MYCO		06/18/2013	2.50	66.75	Hyd hose
ONTRACK		06/19/2013	1.00	0.00	- weld up crack on head butt plate

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		06/21/2013	1.00	26.70	Grease line
MYCO		06/26/2013	1.50	40.05	Hyd leak
ONTRACK		06/26/2013	0.20	0.00	- parts
MHL		06/30/2013	0.00	877.37	Monthly equipment costs for June 2013
ONTRACK		07/19/2013	0.20	0.00	- parts
MHL		07/31/2013	0.00	684.60	Monthly equipment costs for July 2013
ONTRACK		08/17/2013	2.50	0.00	- measure up 2 hydr hoses, go down to dump & make up 2 hydr hoses w/ guarding
MYCO		08/20/2013	1.00	26.70	
MYCO		08/21/2013	3.50	93.45	Welding
MYCO		08/23/2013	3.00	120.15	Hose, repairs
MYCO		08/24/2013	2.00	80.10	Hyd hose
MYCO		08/26/2013	1.00	26.70	Hyd leak
MHL		08/31/2013	0.00	900.82	Monthly equipment costs for August 2013
ONTRACK		09/05/2013	1.00	0.00	- make up 2 hydr hoses w/guarding
ONTRACK		09/05/2013	1.50	0.00	- make up head front cover plate, repair bolt holes, weld up corners
MYCO		09/08/2013	1.00	26.70	Hyd leak
MYCO		09/09/2013	1.00	26.70	Hyd hose
MYCO		09/10/2013	1.50	40.05	Hyd hose
MYCO		09/11/2013	1.50	40.05	Hyd hose, new teeth
ONTRACK		09/11/2013	1.00	0.00	- make up 2 hydr hoses w/guards
ONTRACK		09/12/2013	1.00	0.00	- repair Lh side handle rail
MYCO		09/12/2013	1.00	26.70	R/r step
MYCO		09/19/2013	1.50	40.05	
MYCO		09/21/2013	1.00	26.70	
MYCO		09/25/2013	2.00	53.40	Welding
MHL		09/30/2013	0.00	184.75	Monthly equipment costs for September 2013
MYCO		10/02/2013	1.50	40.05	Hyd hose
ONTRACK		10/17/2013	4.00	102.00	500hr service
JDM		10/17/2013	3.00	0.00	Service
MYCO		10/28/2013	1.00	26.70	change teeth

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		10/29/2013	1.00	26.70	hydr leak
MYCO		10/30/2013	1.00	26.70	hydr leak
MHL		10/31/2013	0.00	1,440.08	Monthly equipment costs for October 2013
MYCO		11/04/2013	1.25	33.38	hydr leak
MYCO		11/05/2013	1.75	53.40	cut ice cleat bars into 4" pieces to be welded later
MYCO		11/06/2013	1.50	40.05	finished cutting ice cleats
MYCO		11/08/2013	2.00	53.40	
MYCO		11/13/2013	1.50	40.05	hydr leak
MYCO		11/14/2013	2.50	66.75	re & re fitting hydr hose
MYCO		11/15/2013	2.00	53.40	general
MYCO		11/18/2013	2.50	66.75	
MYCO		11/18/2013	1.00	26.70	pickup parts
MYCO		11/25/2013	2.00	53.40	
MYCO		11/29/2013	2.00	53.40	
ONTRACK		11/29/2013	2.00	51.00	inspect boom for cracks
MHL		11/30/2013	0.00	1,978.78	Monthly equipment costs for November 2013
ONTRACK		12/06/2013	4.00	102.00	500hr service
ONTRACK		12/06/2013	5.00	0.00	- service eng & hydr, change plant & swing oils, measure hydr hose, phone it in to be built
MYCO		12/06/2013	6.00	160.20	Service, change hose
ONTRACK		12/07/2013	8.00	306.00	Weld ice picks on tracks
ONTRACK		12/07/2013	8.00	0.00	- weld ice lugs on tracks, chek tilt cycl to cold, oil wont warm enough, try again after it ran for awhile
MYCO		12/09/2013	0.50	13.35	Dump used oil/filters
ONTRACK		12/09/2013	3.00	0.00	- weld seat back down, LH side broke
MYCO		12/11/2013	3.00	80.10	Weld seat
MYCO		12/19/2013	2.00	53.40	Welding
KYLER		12/19/2013	5.50	0.00	Weld up butt (cracks) plate on buncher head
MHL		12/31/2013	0.00	3,004.03	Monthly equipment costs for December 2013
MYCO		01/06/2014	1.50	40.05	Weld seat bracket
JDM		01/06/2014	2.50	0.00	Weld seat
MYCO		01/09/2014	1.00	26.70	Hyd leak

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		01/10/2014	0.50	13.35	Take hose off
MYCO		01/13/2014	1.00	26.70	Hyd hose
MYCO		01/17/2014	2.00	53.40	Welding
ONTRACK		01/17/2014	2.00	51.00	Weld saw plate back on
JDM		01/17/2014	3.00	0.00	Welding on head, fix light
MYCO		01/20/2014	3.00	80.10	Weld seat
ONTRACK		01/20/2014	3.00	76.50	Fix seat
JDM		01/21/2014	4.00	0.00	Repair seat, straighten guarding
MYCO		01/23/2014	1.00	26.70	Hyd leak
MYCO		01/29/2014	1.00	26.70	
JDM		01/29/2014	2.50	0.00	Blown hose
MYCO		01/30/2014	2.00	53.40	Hyd hose
MYCO		01/31/2014	1.00	26.70	
MHL		01/31/2014	0.00	1,689.49	Monthly equipment costs for January 2014
JDM		02/04/2014	5.00	0.00	Weld on ice picks, service
MYCO		02/05/2014	5.00	133.50	Service, repairs
JDM		02/05/2014	4.00	0.00	Weld on ice picks, change cover on tool cyl
MYCO		02/06/2014	2.00	53.40	Welding
MYCO		02/12/2014	1.00	26.70	Maint
MYCO		02/26/2014	5.00	133.50	Hyd leak, broken fitting
ONTRACK		02/27/2014	1.50	0.00	- find & repair hydr leak
MHL		02/28/2014	0.00	1,566.40	Monthly equipment costs for February 2014
MYCO		03/05/2014	1.00	26.70	
MYCO		03/07/2014	1.50	40.05	Hyd leak
JDM		03/11/2014	6.50	0.00	Adjust door, change hose, fix covers on head
JDM		03/21/2014	7.00	0.00	Service, weld ice picks
MYCO		03/24/2014	1.00	26.70	Turn teeth
ONTRACK		03/25/2014	0.50	0.00	- parts
MHL		03/31/2014	0.00	1,529.77	Monthly equipment costs for March 2014
MYCO		04/03/2014	1.50	40.05	
JDM		04/03/2014	4.00	0.00	Repair grease lines, straighten guards

Vendor	Invoice	Date	Hours	Cost	Description
JDM		04/14/2014	2.00	0.00	Change hose
MYCO		04/16/2014	1.00	26.70	Grease line
MYCO		04/25/2014	3.00	80.10	Welding, hyd leak
JDM		04/25/2014	3.50	0.00	Weld on head, oil leaks
MHL		04/30/2014	0.00	874.46	Monthly equipment costs for April 2014
MYCO		05/02/2014	0.25	6.68	Pick up supplies
MYCO		05/09/2014	1.00	26.70	Fix antenna
MYCO		05/13/2014	3.50	93.45	Service hydraulic hose
MYCO		05/15/2014	1.00	26.70	Lock valve
MYCO		05/16/2014	1.00	26.70	Maintenance
MYCO		05/23/2014	2.00	53.40	Welding, maintenance
MYCO		05/27/2014	1.00	26.70	Hyd leak
MHL		05/31/2014	0.00	825.50	Monthly equipment costs for May 2014
MYCO		06/03/2014	2.00	53.40	Leaking pipe
MYCO		06/06/2014	2.00	53.40	Change hose, change all grease fittings
MYCO		06/09/2014	1.00	26.70	Replace pipe
JDM		06/09/2014	2.00	0.00	Change hyd pipe on head
ONTRACK		06/17/2014	1.00	0.00	- change head saw teeth
ONTRACK		06/23/2014	0.35	0.00	- parts
ONTRACK		06/24/2014	0.30	0.00	- parts
ONTRACK		06/24/2014	4.50	0.00	- 500 hr service, change swing & final drive oil, change air filter
MYCO		06/24/2014	3.50	93.45	500hr service
MYCO		06/26/2014	1.00	26.70	Hose
MHL		06/30/2014	0.00	2,387.82	Monthly equipment costs for June 2014
FIN10	960648134	07/02/2014	0.00	619.03	FIN10 - Repair feed cyl
MYCO		07/08/2014	1.00	27.50	
MHL		07/31/2014	0.00	1,324.14	Monthly equipment costs for July 2014
INK10	CR296702	08/05/2014	0.00	1,118.49	INK10 - Buttplate - 21517A
INK10	CR63678	08/15/2014	0.00	6,369.75	INK10 - Replace main pump, partial warranty
INK10	CR63921	08/28/2014	0.00	2,590.71	INK10 - R/R saw blade and skis
MHL		08/31/2014	0.00	382.72	Monthly equipment costs for August 2014

Vendor	Invoice	Date	Hours	Cost	Description
INK10	CR63803	09/03/2014	0.00	894.00	INK10 - Adjust saw blade spindle bearings
INK10	CR63803	09/03/2014	0.00	577.38	INK10 - Replace leaking o-ring at saw pump
INK10	CR63803	09/03/2014	0.00	2,715.88	INK10 - Replace RH leveling cylinder
INK10	CR63803	09/03/2014	0.00	2,460.46	INK10 - Replace LH leveling cylinder
INK10	CR63803	09/03/2014	0.00	11,846.35	INK10 - Diag noisy wrist, replace rotate motors
MYCO		09/24/2014	0.50	13.75	Weld pin
INK10	CR299077	09/25/2014	0.00	-1,080.32	INK10 - Policy credit on repair inv CR63678
MHL		09/30/2014	0.00	16.29	Monthly equipment costs for September 2014
MYCO		10/06/2014	5.00	137.50	Service
MYCO		10/08/2014	2.00	55.00	Pipe
MYCO		10/10/2014	3.00	82.50	Bolts
MYCO		10/16/2014	2.00	55.00	Blown hose
MYCO		10/23/2014	3.00	82.50	
ONTRACK		10/23/2014	3.00	0.00	- fix guard bolts & straighten guard, rebolt it, weld the ends of grab arms to build up where worn
MYCO		10/28/2014	3.00	82.50	Hoses
MYCO		10/30/2014	1.00	27.50	O-rings
MYCO		10/31/2014	1.00	27.50	O-ring, turn teeth
MHL		10/31/2014	0.00	2,650.30	Monthly equipment costs for October 2014
MYCO		11/03/2014	5.00	151.25	Belts, hoses
MYCO		11/13/2014	3.00	82.50	Blown hose
MYCO		11/17/2014	2.00	55.00	
JDM		11/24/2014	2.50	0.00	Tighten pad bolts, rotate cutters
ONTRACK		11/26/2014	4.00	0.00	- change oil & filters, change swing & planetary oil, take oil samples
MYCO		11/26/2014	3.00	82.50	Service
MHL		11/30/2014	0.00	2,084.95	Monthly equipment costs for November 2014
MYCO		12/02/2014	1.50	41.25	Turn teeth, hose
KYLER		12/02/2014	2.00	0.00	Repair leak on head, repair leak in hose
ONTRACK		12/12/2014	3.50	0.00	- retorque all pad bolts & replace 4 pad bolts
MHL		12/31/2014	0.00	316.20	Monthly equipment costs for December 2014
MYCO		01/20/2015	1.00	41.25	Welding

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		01/27/2015	0.25	6.88	Pick up parts
MHL		01/31/2015	0.00	1,138.74	Monthly equipment costs for January 2015
MHL		02/28/2015	0.00	2,440.74	Monthly equipment costs for February 2015
MYCO		03/02/2015	3.00	82.50	Service
JDM		03/02/2015	7.00	0.00	Service, weld door
MYCO		03/12/2015	1.00	27.50	
MYCO		03/24/2015	2.00	55.00	Cutters, hose
MYCO		03/25/2015	1.50	41.25	Hose
MHL		03/31/2015	0.00	1,601.06	Monthly equipment costs for March 2015
ONTRACK		04/16/2015	6.00	0.00	- 500 hr services, change eng oil & fuel filters, air cleaners, swing & planetary oils, hydr filters & sample all oils
MYCO		04/16/2015	5.00	137.50	Service
JDM		04/16/2015	5.00	0.00	Change hoses on head, service
MYCO		04/21/2015	2.00	55.00	Track pads
ONTRACK		04/21/2015	1.00	0.00	- change pad bolts & tighten others
MYCO		04/22/2015	2.00	55.00	Hose
ONTRACK		04/24/2015	3.00	0.00	- remount stair into cab, install bigger bolts & weld it on
ONTRACK		04/24/2015	3.00	0.00	- cut off damaged knife edge, weld on new one, remove #20 return hose
MHL		04/30/2015	0.00	1,953.94	Monthly equipment costs for April 2015
MYCO		05/06/2015	3.00	96.25	Hoses
MYCO		05/14/2015	2.00	55.00	Hose
INK10	CR310664	05/19/2015	0.00	-2,420.94	INK10 - Policy credit
MYCO		05/22/2015	4.00	110.00	Pressure wash
MHL		05/31/2015	0.00	969.71	Monthly equipment costs for May 2015
ONTRACK		06/01/2015	6.50	0.00	- wash, install pins, weld on grab arm build up tips & small crack, cut off plate, remove 2 broken bolts & weld on
ONTRACK		06/10/2015	3.00	82.50	Change escape hatch seal, wash
INK10	CR311991	06/15/2015	0.00	640.19	INK10 - AC compressor - BR091
ONTRACK		06/22/2015	2.00	55.00	Install hose and fix grease line for boom
MHL		06/30/2015	0.00	685.32	Monthly equipment costs for June 2015

Vendor	Invoice	Date	Hours	Cost	Description
BRA10	5540927	07/28/2015	0.00	525.77	BRA10 - Solenoid - RE504224
MHL		07/31/2015	0.00	233.33	Monthly equipment costs for July 2015
MHL		08/31/2015	0.00	233.33	Monthly equipment costs for August 2015
MYCO		09/22/2015	2.00	56.10	Hyd leaks
ONTRACK		09/28/2015	2.00	0.00	- put ski back on bottom of buncher head, pick up bolts
ONTRACK		09/29/2015	1.00	0.00	- grind & fit side door latch, weld back on
MHL		09/30/2015	0.00	413.94	Monthly equipment costs for September 2015
ONTRACK		10/02/2015	2.00	0.00	- help to install hydr hose into buncher head
MYCO		10/02/2015	2.00	56.10	Hose
ONTRACK		10/06/2015	1.50	0.00	- go check broken bolts, measure size, phone to get bolts for tomorrow
ONTRACK		10/07/2015	2.50	0.00	- remove 6 broken bolts, reinstall cap with 8 bolts, adjust play
MYCO		10/07/2015	2.00	56.10	Replace bolts on tilter plate
ONTRACK		10/16/2015	4.00	126.23	Diagnose no start, install new batteries
MYCO		10/16/2015	4.00	112.20	Batteries dead, run to town for new ones
ONTRACK		10/17/2015	6.00	0.00	- pick up alternator, take into bear lake & test electrical, change alternator, run machine
ONTRACK		10/19/2015	1.00	0.00	- check fire suspension, need it certified
MYCO		10/19/2015	0.50	14.03	Drop off alt for service
MHL		10/31/2015	0.00	2,778.70	Monthly equipment costs for October 2015
INK10	CR66976	10/31/2015	0.00	800.20	INK10 - Repair and certify fire suppression system
MYCO		11/05/2015	5.00	140.25	Fix hood problem, remove disc blade
INK10	CR318460	11/09/2015	0.00	8,862.53	INK10 - Saw blade - U:4267D
INK10	CR318460	11/09/2015	0.00	812.29	INK10 - Flange - U:17590A
JDM		11/10/2015	8.00	0.00	Change saw blade
ONTRACK		11/13/2015	0.50	0.00	- check out back bottom of saw head, want teeth welded on
ONTRACK		11/17/2015	0.15	0.00	- parts
MYCO		11/24/2015	1.50	42.08	Turn teeth
MHL		11/30/2015	0.00	3,068.65	Monthly equipment costs for November 2015
MYCO		12/01/2015	7.00	196.35	500 service, welding

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		12/08/2015	1.50	42.08	Turn teeth
MAR10	CL4398	12/10/2015	0.00	3,002.63	MAR10 - LH delimb arm - WA106011
MYCO		12/16/2015	1.50	42.08	Turn teeth
ONTRACK		12/18/2015	4.00	0.00	- remove broke bolts & install cap & shims on tiler
MYCO		12/22/2015	1.50	42.08	Turn teeth
MHL		12/31/2015	0.00	1,295.18	Monthly equipment costs for December 2015
MYCO		01/13/2016	0.50	14.03	Help Tilley with hose
MYCO		01/13/2016	3.00	84.15	Blown hose
JDM		01/20/2016	2.50	0.00	Change tilter cab bolts
MYCO		01/21/2016	3.00	84.15	Blown travel hose
ONTRACK		01/21/2016	2.50	0.00	- check out hydr oil leak on travel hose, remove LH top travel hose
MYCO		01/22/2016	3.00	84.15	Install hose, blown o-ring
ONTRACK		01/22/2016	1.00	0.00	- replace 2 orings on buck of head
ONTRACK		01/22/2016	3.00	0.00	- replace LH top travel hydr hose, repair hose guard / step
MYCO		01/25/2016	2.50	70.13	Turn teeth, change hose
ONTRACK		01/25/2016	2.00	0.00	- change hydr hose
MHL		01/31/2016	0.00	2,249.68	Monthly equipment costs for January 2016
MYCO		02/05/2016	1.00	28.05	Blown hose
ONTRACK		02/09/2016	8.00	0.00	- adj tilter pins & shim plates with Kenworth mechanics, change eng oil & filters
MYCO		02/12/2016	0.25	7.01	Order bolts for rotate backup
MYCO		02/16/2016	0.50	14.03	Pick up parts
MYCO		02/16/2016	1.50	42.08	Turn teeth
MYCO		02/19/2016	2.00	56.10	Valve
MYCO		02/22/2016	1.50	42.08	Turn teeth
INK10	CR67741	02/22/2016	0.00	2,108.34	INK10 - Adjust side tilt bearings
MYCO		02/26/2016	1.50	42.08	Blown hose
MYCO		02/27/2016	1.00	42.08	Blown hose
MHL		02/29/2016	0.00	2,664.47	Monthly equipment costs for February 2016
MYCO		03/03/2016	1.00	28.05	Blown hose
MYCO		03/04/2016	1.00	28.05	Change hose

Vendor	Invoice	Date	Hours	Cost	Description
INK10	CR323928	03/11/2016	0.00	944.43	INK10 - Ski, left - U:52634B
MYCO		03/15/2016	1.00	28.05	Replace skid on head
MYCO		03/16/2016	0.50	14.03	Fix oil leak
MYCO		03/29/2016	1.00	28.05	Fuel, grease
MYCO		03/30/2016	1.00	28.05	Fuel, grease
MYCO		03/31/2016	0.50	14.03	Replace bolts on head
MYCO		03/31/2016	1.50	42.08	Fuel, grease, turn teeth
MHL		03/31/2016	0.00	4,016.95	Monthly equipment costs for March 2016
MYCO		04/01/2016	1.50	42.08	Fuel, grease, maintenance
MYCO		04/04/2016	2.00	56.10	Welding on head
MYCO		04/04/2016	1.00	28.05	Fuel, grease
MYCO		04/05/2016	1.00	28.05	Fuel, grease
ONTRACK		04/05/2016	3.00	0.00	- weld back side saw guard onto head, tighten & change some bolts
MYCO		04/06/2016	1.00	28.05	Fuel, grease
MYCO		04/07/2016	1.00	28.05	Fuel, grease
MYCO		04/08/2016	1.50	42.08	Fuel, grease, turn teeth
MYCO		04/11/2016	1.00	28.05	Fuel, grease
MYCO		04/12/2016	1.00	28.05	Fuel, grease
MYCO		04/14/2016	1.50	42.08	Fuel, grease, turn teeth
SWL10	13544	04/18/2016	0.00	750.00	SWL10 - Repair cracked track frame
MYCO		04/19/2016	1.50	42.08	Turn teeth
MYCO		04/20/2016	2.00	56.10	Turn teeth, hood wouldn't open
MYCO		04/25/2016	1.00	28.05	Fuel, grease
MYCO		04/26/2016	1.50	42.08	Fuel, grease, turn teeth
MYCO		04/27/2016	1.00	28.05	Fuel, grease
MYCO		04/28/2016	1.00	28.05	Fuel, grease
MYCO		04/29/2016	1.50	42.08	Fuel, grease, turn teeth
MHL		04/30/2016	0.00	671.95	Monthly equipment costs for April 2016
MYCO		05/06/2016	1.00	28.05	Turn teeth R&M
MYCO		05/09/2016	1.50	42.08	2x hydraulic hose
MYCO		05/17/2016	2.00	56.10	250 hour service

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		05/18/2016	3.50	98.18	Tool cylinder block
MYCO		05/19/2016	1.00	28.05	Tool cylinder
MYCO		05/26/2016	1.00	28.05	Turn teeth
MHL		05/31/2016	0.00	3,704.66	Monthly equipment costs for May 2016
NCH10	17770	06/09/2016	0.00	2,591.26	NCH10 - Repair tool cyl
MYCO		06/18/2016	1.50	42.08	Hoses
MYCO		06/21/2016	1.00	28.75	Turn teeth
MHL		06/30/2016	0.00	1,223.55	Monthly equipment costs for June 2016
INK10	CR68651	06/30/2016	0.00	688.00	INK10 - Remove and replace tool cyl for repair
INK10	CR68651	06/30/2016	0.00	250.74	INK10 - Replace hood pump reservoir
INK10	CR68651	06/30/2016	0.00	137.60	INK10 - Replace cracked/leaking turbo guard
INK10	CR68651	06/30/2016	0.00	684.72	INK10 - Repair and certify fire suppression
INK10	CR68651	06/30/2016	0.00	750.05	INK10 - Filter hyd oil and replace all 6 main filters
MYCO		07/04/2016	3.00	86.25	New teeth
MYCO		07/06/2016	2.50	71.88	O-ring, clean out cab
MYCO		07/19/2016	3.00	86.25	Hose on boom, o-rings
JDM		07/21/2016	6.00	0.00	Oil leaks
MYCO		07/27/2016	5.00	186.88	500hr service
MYCO		07/28/2016	3.00	129.38	Hoses
MYCO		07/29/2016	4.50	172.50	Wash machine, track pads
MHL		07/31/2016	0.00	4,983.16	Monthly equipment costs for July 2016
MYCO		08/13/2016	1.00	28.75	Turn teeth
JDM		08/14/2016	2.00	0.00	Check final drive brakes
MYCO		08/15/2016	1.50	43.13	Turn teeth, o-ring
JDM		08/16/2016	1.00	0.00	Adjust front door
MYCO		08/17/2016	1.50	43.13	New teeth
MYCO		08/29/2016	1.00	28.75	
MYCO		08/30/2016	2.50	71.88	Repair top of head
MYCO		08/31/2016	1.00	28.75	Rotate cover
MHL		08/31/2016	0.00	1,548.74	Monthly equipment costs for August 2016
MYCO		09/07/2016	1.50	43.13	Hyd hoses in head

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		09/10/2016	1.50	43.13	Find leak
MYCO		09/11/2016	2.00	86.25	New shanks, turn teeth
MYCO		09/12/2016	3.00	86.25	Change hoses
MYCO		09/13/2016	2.50	71.88	Repairs to head weld
MYCO		09/20/2016	2.00	57.50	New teeth, o-rings, head bolts
MYCO		09/21/2016	3.50	100.63	250hr service
MYCO		09/28/2016	1.50	43.13	Grab arm cyl
INK10	CR333913	09/28/2016	0.00	2,301.73	INK10 - Cylinder - U:62261B
MYCO		09/29/2016	1.00	28.75	Boom/stick o-ring
MHL		09/30/2016	0.00	1,636.23	Monthly equipment costs for September 2016
MYCO		10/05/2016	2.50	71.88	Turbo line / a/c / teeth
MYCO		10/07/2016	2.50	71.88	Weld latch on engine side door
MHL		10/31/2016	0.00	1,402.90	Monthly equipment costs for October 2016
MYCO		11/17/2016	1.00	35.94	Grab arm
MYCO		11/22/2016	6.50	186.88	500hr service, track pads, repairs to head
MYCO		11/22/2016	0.50	14.38	Get parts
MYCO		11/30/2016	1.50	43.13	Hose, o-ring
MHL		11/30/2016	0.00	1,534.82	Monthly equipment costs for November 2016
MYCO		12/04/2016	1.00	28.75	Teeth
JDM		12/04/2016	2.00	0.00	Blown hose
MYCO		12/06/2016	1.50	43.13	Eng door latch n/s
JDM		12/06/2016	2.00	0.00	Fix engine door
JDM		12/07/2016	2.00	0.00	Weld pin
MYCO		12/07/2016	1.00	28.75	Weld pin keeper, head
MYCO		12/08/2016	2.50	71.88	Overheat, boom hose
JDM		12/08/2016	4.00	0.00	Blown hose, cooling problem
MYCO		12/14/2016	2.50	71.88	Overheat
MYCO		12/16/2016	2.50	71.88	Turn teeth
MYCO		12/17/2016	1.50	43.13	Hose
MYCO		12/18/2016	0.50	14.38	
MHL		12/31/2016	0.00	1,268.98	Monthly equipment costs for December 2016

Vendor	Invoice	Date	Hours	Cost	Description
MHL		01/31/2017	0.00	161.46	Monthly equipment costs for January 2017
MYCO		01/31/2017	1.50	43.13	Warm up, mix anti freeze, R&M fuel JD loader
MYCO		02/01/2017	2.00	57.50	Traffic, R&M new teeth
MYCO		02/02/2017	2.00	57.50	Traffic, R&M bolts on heads
MYCO		02/03/2017	1.00	28.75	Traffic, R&M
MYCO		02/04/2017	3.00	436.22	Warm up & move clear of blast for repairs
ONTRACK		02/04/2017	12.00	803.40	- rebuild the funnel on the buncher head, cut off old one, fab new heavy duty one
JDM		02/04/2017	14.00	960.68	Rebuild funnel on head
JDM		02/06/2017	4.00	274.48	Service
ONTRACK		02/06/2017	3.00	200.85	- service eng, change planetary & swing oil
MYCO		02/18/2017	1.00	28.75	Turn teeth
MHL		02/28/2017	0.00	530.46	Monthly equipment costs for February 2017
MYCO		03/02/2017	3.50	100.63	Track off
JDM		03/02/2017	4.00	274.48	Put track on
MYCO		03/03/2017	1.00	28.75	
MYCO		03/04/2017	2.00	57.50	
MYCO		03/05/2017	2.00	57.50	
MYCO		03/06/2017	2.50	71.88	Welding
JDM		03/06/2017	4.00	274.48	Repair hood pump cover, blown hose
JDM		03/07/2017	2.00	137.24	Check broken pin
ONTRACK		03/07/2017	1.00	66.95	- order pin for buncher head
MYCO		03/07/2017	3.50	100.63	Hyd hose, broken pin
JDM		03/09/2017	4.00	274.48	Change grab arm pin
ONTRACK		03/19/2017	1.00	66.95	- make up hydr hoses
ONTRACK		03/21/2017	6.00	401.70	- replace leaking hose at head, notice loose pads, got one side done, remove pads, clean & rebolt
JDM		03/21/2017	5.00	343.10	Pad bolts
JDM		03/22/2017	4.00	274.48	Pad bolts
ONTRACK		03/22/2017	4.00	267.80	- tighten track pad bolts, changed lots of bolts
ONTRACK		03/28/2017	4.00	267.80	- figure out power problem, blowing fuses, tracked it down to shorted coil on swing brake, swap with spare circuit coil to get running, order new one

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		03/28/2017	3.00	86.25	Swing coil
MYCO		03/29/2017	1.50	43.13	Turn teeth
MYCO		03/31/2017	1.00	43.13	Hyd leak
MHL		03/31/2017	0.00	1,428.62	Monthly equipment costs for March 2017
MYCO		04/03/2017	2.50	71.88	Hyd hose, welding
JDM		04/03/2017	4.00	155.28	Straighten guard, check exhaust, fix radio
JDM		04/05/2017	3.00	116.46	Weld on head
MYCO		04/05/2017	1.00	28.75	Weld on head
ONTRACK		04/28/2017	1.50	100.42	- change a/c pump, adj rod
ONTRACK		04/30/2017	1.00	66.95	- install eng guards
MYCO		04/30/2017	2.00	57.50	
MHL		04/30/2017	0.00	341.08	Monthly equipment costs for April 2017
MYCO		05/02/2017	2.00	57.50	Try to fix A/C, weld
JDM		05/02/2017	3.50	135.87	Weld on head, oil leak
ONTRACK		05/02/2017	2.00	133.90	- work on a/c, realign side door
ONTRACK		05/04/2017	1.00	66.95	- remove stereo & fire ext to take town
MYCO		05/05/2017	1.00	28.75	Wash machine
MYCO		05/09/2017	1.00	28.75	Radio install
ONTRACK		05/09/2017	2.00	133.90	- install new radio & antenna
MYCO		05/10/2017	1.50	43.13	New teeth
MYCO		05/15/2017	1.00	43.13	Clean out cab
ONTRACK		05/17/2017	2.00	133.90	- start service on machine
ONTRACK		05/18/2017	4.00	267.80	- finish service, look for hydr leak, install updated fire extinguishers
ONTRACK		05/25/2017	2.00	133.90	- fix side door, repair a/c, find broken wire, take apart cab
MHL		05/31/2017	0.00	510.22	Monthly equipment costs for May 2017
BROKE		06/24/2017	1.50	103.50	Install batteries, drop truck for operator
MHL		06/30/2017	0.00	971.80	Monthly equipment costs for June 2017
BROKE		07/09/2017	4.00	276.00	Replace batteries, repair RH tilt cyl, repair tilt cyl guard clamp
BROKE		07/09/2017	4.00	0.00	Replace batteries, repair RH tilt cyl, repair tilt cyl guard clamp

Vendor	Invoice	Date	Hours	Cost	Description
MHL		07/31/2017	0.00	161.46	Monthly equipment costs for July 2017
ROCKY		08/30/2017	2.00	138.00	Load up tilt cyl guard, no bolts at the machine to install the guard, had to run back to shop
ROCKY		08/31/2017	1.50	103.50	Install tilt cyl guard, had to heat up and bend one bracket to align bolts
MHL		08/31/2017	0.00	161.46	Monthly equipment costs for August 2017
MHL		09/30/2017	0.00	161.46	Monthly equipment costs for September 2017
JDM		10/02/2017	1.00	38.82	Hoses
MYCO		10/04/2017	2.00	138.50	Pick up supplies
MYCO		10/19/2017	1.00	69.25	Teeth, bolts
MYCO		10/20/2017	1.50	103.88	Left grab arm
WRENCH		10/20/2017	4.50	371.25	Remove LH grab arm to replace bushings, lots of damage to arm and lug on buncher frame, take arm home to repair the bore and replace bushings
WRENCH		10/21/2017	10.00	825.00	Set a boring bar in the arm and cut the mess from the bores, bore weld holes to undersize, weld buildup on faces, cut all holes to within 0.080 inch of standard, cut edges of face buildup
WRENCH		10/22/2017	5.00	412.50	Finish boring holes to spec, remove boring equipment and grind to clean up bearing support tacks and bore faces, press in bushings
WRENCH		10/23/2017	4.00	330.00	Build up and repair damage to the inner surface of the bottom lug on the head frame, repair to a smooth finish, install grab arm into the frame, run and test (good)
MYCO		10/23/2017	0.50	34.62	Grab arm
MYCO		10/31/2017	1.00	69.25	Blown hose
MHL		10/31/2017	0.00	3,553.48	Monthly equipment costs for October 2017
ROCKY		11/02/2017	7.50	517.50	Travel to unit, service, welding repair on engine bay door
MYCO		11/02/2017	2.50	173.12	500hr service
MYCO		11/07/2017	2.50	173.12	Weld on head
WRENCH		11/07/2017	4.50	371.25	Weld multiple cracks in grab arm and frame of head
MYCO		11/10/2017	1.00	69.25	
MYCO		11/11/2017	2.50	173.12	Hoses
WRENCH		11/17/2017	8.00	660.00	Weld ice lugs on tracks, change/tighten track pad bolts as needed

Vendor	Invoice	Date	Hours	Cost	Description
WRENCH		11/20/2017	9.50	783.75	Weld on ice lugs, tighten pad bolts as needed
WRENCH		11/21/2017	8.50	701.25	Welding repairs to back of saw guarding so it can support a claw, build claw out of grader cutting edges and weld on, cut a bracket to reinforce claw
MYCO		11/28/2017	5.50	380.88	2 blown travel hoses
MYCO		11/29/2017	2.00	138.50	Finish 2 blown travel hoses
MYCO		11/30/2017	2.50	173.12	Hose
MHL		11/30/2017	0.00	2,292.15	Monthly equipment costs for November 2017
LEN10	7807	12/01/2017	0.00	1,409.46	LEN10 - Repairs to head
MYCO		12/07/2017	2.00	138.50	O-ring
MYCO		12/09/2017	4.00	277.00	Oil leaks, collector pin
MYCO		12/12/2017	3.00	207.75	
MYCO		12/12/2017	0.50	34.62	Pick up bolts
ONTRACK		12/12/2017	1.00	66.95	- help with hydr leak, change oring
MYCO		12/13/2017	1.50	103.88	
WRENCH		12/18/2017	1.00	82.50	Weld some tabs to replace some bolts that have ruined holes
MYCO		12/18/2017	3.00	207.75	
ONTRACK		12/22/2017	4.00	267.80	- change eng oil & filters, change planetary oil & swing, fix striped bolt holes to hold guard on, weld side door latch on
ONTRACK		12/22/2017	4.00	267.80	- change eng oil & filters, change planetary oil & swing, fix striped bolt holes to hold guard on, weld side door latch on
JDM		12/22/2017	4.00	155.28	Service
MYCO		12/28/2017	3.50	242.38	Blown hose
MHL		12/31/2017	0.00	3,123.10	Monthly equipment costs for December 2017
ONTRACK		01/08/2018	5.00	334.75	- change hose, change oring on boom, remove pipe & mats
ONTRACK		01/09/2018	5.00	334.75	- change main suction hose to pumps
ONTRACK		01/12/2018	2.50	167.38	- remove grab arm
ONTRACK		01/12/2018	0.25	16.74	- parts
ONTRACK		01/13/2018	7.00	468.65	- repair grab arm & tip, weld in new tip, straighten & align leg, weld it together

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		01/14/2018	5.00	334.75	- weld side plates top & bottom, take to Elk Bay & install, grease pins
MYCO		01/20/2018	3.00	207.75	
MYCO		01/21/2018	2.00	138.50	Tilt guards
ONTRACK		01/22/2018	1.00	66.95	- change broken grease fitting
MYCO		01/27/2018	2.00	138.50	New teeth
ONTRACK		01/31/2018	1.00	66.95	- go over repairs with Tom
WRENCH		01/31/2018	8.00	660.00	Repairs to bent up LHS guard and pedestal over the hoses to the travel motor and levelling cyls
MHL		01/31/2018	0.00	849.22	Monthly equipment costs for January 2018
INK10	CR357753	02/01/2018	0.00	4,077.83	INK10 - Window - U:25434A
WRENCH		02/01/2018	8.00	660.00	Repairs to RHS rock guard
INK10	CR357998	02/06/2018	0.00	658.16	INK10 - Window - U:28137A
WRENCH		02/09/2018	7.00	577.50	500hr service
MYCO		02/09/2018	2.00	138.50	
MYCO		02/13/2018	5.50	380.88	Hose, saw
ONTRACK		02/15/2018	0.50	33.48	- pick up windows & filters
ONTRACK		02/16/2018	7.00	468.65	- change front door window, make hydr hose, change bad hose on head saw motor
ONTRACK		02/19/2018	4.00	267.80	- 500 hr service
MYCO		02/19/2018	2.00	138.50	
WRENCH		02/22/2018	1.00	82.50	Replace damaged bolts on head
MYCO		02/28/2018	1.50	103.88	Look for leak etc
MHL		02/28/2018	0.00	2,513.72	Monthly equipment costs for February 2018
MYCO		03/01/2018	4.00	277.00	Hyd leaks
WRENCH		03/06/2018	1.50	123.75	Weld on floating knife
MYCO		03/08/2018	1.00	69.25	
MYCO		03/09/2018	1.50	103.88	Hyd leak
ONTRACK		03/09/2018	3.00	200.85	- find & fix oil leak in center swivel area
MYCO		03/20/2018	1.50	103.88	Hose
MYCO		03/21/2018	2.50	173.12	Help Tom

Vendor	Invoice	Date	Hours	Cost	Description
WRENCH		03/21/2018	4.00	330.00	Find oil leak at top of centre swivel, minor at this point, install guard over pipes at end of stick, weld on engine door latch
WRENCH		03/22/2018	2.00	165.00	Make extension for back door latch so it can be more easily opened by operator
WRENCH		03/23/2018	1.00	82.50	Heat and build existing back door latch lever to accommodate extension
ONTRACK		03/29/2018	1.00	66.95	- tack wled pin retainer nut to pin to get by pick up, new pin & nut to be changed
MYCO		03/29/2018	2.00	138.50	
MHL		03/31/2018	0.00	1,902.89	Monthly equipment costs for March 2018
WRENCH		04/03/2018	4.50	371.25	Pick up parts, change out long pin for upper RH grab arm
ONTRACK		04/04/2018	5.00	334.75	- check tilter cycl bolts & wedges, service eng, change swing & planetary oils
MYCO		04/04/2018	1.00	69.25	Hose
MYCO		04/05/2018	1.50	103.88	Install hose, o-ring, guards
MYCO		04/05/2018	1.00	69.25	Dump filters
WRENCH		04/09/2018	6.00	495.00	Access leak at top of centre swivel, remove swivel stop and leaking plug, change o-rings on all four plugs while in here, check for leaks (ok), put back together, weld ski to bottom of head
MYCO		04/09/2018	4.50	311.62	Weld l.skid saw base, swivel leak
MYCO		04/12/2018	2.50	173.12	Elec r.quad handle head rotate
ONTRACK		04/12/2018	2.00	133.90	- find electrical switch problem for head rotate, change out switch
MYCO		04/14/2018	1.00	69.25	Turn teeth
ONTRACK		04/17/2018	3.00	200.85	- get a/c to blow cold air, start with blowing everything out
MYCO		04/18/2018	1.50	103.88	RM new cutters
MYCO		04/19/2018	1.50	103.88	RM 2x#12 6 orings, boom base
MYCO		04/23/2018	4.00	277.00	Grab arm open/close issues
ONTRACK		04/23/2018	3.00	200.85	- get grab arms to work, pick up parts to fix it right
MHL		04/30/2018	0.00	1,780.91	Monthly equipment costs for April 2018
MYCO		04/30/2018	1.50	103.88	Locate leak
MYCO		04/30/2018	1.50	103.88	Find leak, boom to stick

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		05/01/2018	5.50	380.88	Weld on head
ONTRACK		05/01/2018	1.00	66.95	- help with welding butt plate
WRENCH		05/01/2018	9.50	783.75	Cracked butt plate on head, arc out, weld on support preload butt plate and weld together, rebuild LH grab arm tip and weld crack on grab arm, install hose guard, inspect for possible oil leak
WRENCH		05/02/2018	1.00	82.50	Make up hoses
MYCO		05/02/2018	2.00	138.50	Hose
MYCO		05/07/2018	1.50	103.88	R&M new teeth
MYCO		05/10/2018	3.50	242.38	R&M locate leaks 5 x #12 hose
ONTRACK		05/10/2018	4.00	267.80	- find oil leak, remove 5 hoses, change eng oil & filters, change planetary & swing oil
ONTRACK		05/11/2018	9.00	602.55	- install hydr hoses, install guards, change fuel filters, replace pad bolts, remove pads clean & rebolt with new bolts, fix a/c, blow out rad & filters, repair wiring
MYCO		05/11/2018	8.50	588.62	R&M 500 hour
MYCO		05/14/2018	3.00	207.75	R&M troubles with #16 hose
ONTRACK		05/14/2018	2.00	133.90	- remove hose, change orings, remove clamps to be able to use wrench to tighten
MYCO		05/18/2018	2.00	138.50	R&M #16 v/bank adj tracks
MYCO		05/22/2018	1.50	103.88	
ONTRACK		05/22/2018	3.00	200.85	- try to hook up a/c, equipment needed adapter to hook up, order parts
ONTRACK		05/23/2018	8.00	535.60	- pick up bolts to retain stick pin, remove broken bolts, fix grease line to stick hinge bushing, remove broken fitting & install new fitting, grease up, replace a/c expansion valve & receiver dryer
ONTRACK		05/23/2018	1.00	66.95	- help remove & install hydr hose
MYCO		05/23/2018	9.50	657.88	Work with Scott
MYCO		05/30/2018	3.00	207.75	Tilter hose
MHL		05/31/2018	0.00	4,920.96	Monthly equipment costs for May 2018
ONTRACK		06/02/2018	2.00	133.90	- install all bell & guards after washing
MYCO		06/07/2018	0.50	34.62	Air filter restriction, not done at 500hr service
MYCO		06/08/2018	3.00	207.75	Locate hyd leak, get hoses
MYCO		06/10/2018	1.50	103.88	Hoses

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		06/13/2018	3.00	207.75	Collector pin
ONTRACK		06/13/2018	2.00	133.90	- weld pin ear back on
MYCO		06/18/2018	1.50	106.98	
ONTRACK		06/19/2018	0.50	35.06	- look at repairs for head
ONTRACK		06/20/2018	7.00	490.84	- weld & repair both grab arms, remove eng belt guards, install one of the mounts that fell off, order parts to repair, adj a/c belt function
ONTRACK		06/22/2018	0.50	35.06	- pick up parts for eng at Kenworth
MYCO		06/28/2018	1.50	106.98	Hose
MYCO		06/29/2018	2.00	142.64	Hose
ONTRACK		06/29/2018	5.00	350.60	- change eng oil & filters, change swing & final oil, check over other repairs & pick up parts
ONTRACK		06/30/2018	8.50	127.50	- help with repairs / safety
ONTRACK		06/30/2018	8.50	596.02	- change fan hub bearing, change drive belt for water pump, change a/c belt, remove broken grease lines & fitting, make new hoses, remount hoop on boom, remove belt mount extract 4 broken bolt remount
MHL		06/30/2018	0.00	1,955.37	Monthly equipment costs for June 2018
MYCO		07/03/2018	1.00	71.32	O-ring boom base
MYCO		07/09/2018	1.00	71.32	New teeth
INK10	CR366044	07/09/2018	0.00	1,216.34	INK10 - Buttplate - U:21517A
ONTRACK		07/09/2018	1.00	70.12	- look at butt plate, pick up one at Kenworth to replace it
ONTRACK		07/10/2018	10.00	701.20	- gouge off ski's, remove blade, gouge butt plate, clean edges, install new edge
WRENCH		07/10/2018	10.50	883.58	Multiple cracks on head, gouge out some, change butt plate and weld in place
WRENCH		07/11/2018	11.50	967.72	Finish welding butt plate in place, weld cracks in head, reinstall skis and weld where required
ONTRACK		07/11/2018	5.00	350.60	- install blade & ski's
MYCO		07/25/2018	3.50	143.40	Hyd leaks, weld head
ONTRACK		07/25/2018	4.50	193.50	- multiple oil leaks, minor welding & fire watch
MAV10	3367	07/29/2018	0.00	300.00	MAV10 - Lift off boom section
ONTRACK		07/30/2018	9.00	631.08	- strip undercarriage, load up track adj
ONTRACK		07/31/2018	9.00	631.08	- remove stick & boom

Vendor	Invoice	Date	Hours	Cost	Description
WRENCH		07/31/2018	8.50	715.28	Lift and block machine, work at removing undercarriage, remove stick cyls, disconnect and remove stick from boom, start disconnecting boom from machine
MHL		07/31/2018	0.00	1,753.07	Monthly equipment costs for July 2018
JDM		07/31/2018	8.50	437.75	Strip undercarriage, take stick off
JDM		08/01/2018	9.00	463.50	Pull boom off, weld track frames
WRENCH		08/01/2018	9.00	757.35	Disconnect lift cyls, and block out of way, disconnect hoses and remove boom, put in shop and block up, clean up connections and assess bushings and bores
WRENCH		08/02/2018	9.00	757.35	Weld up bore in foot of boom, clean up bore in stick end
MYCO		08/02/2018	0.75	30.73	Help Jesse
INK10	CR367219	08/02/2018	0.00	22,700.00	INK10 - Track 711mm (2) - U:CW067
INK10	CR367219	08/02/2018	0.00	1,700.00	INK10 - Sprocket (2) - U:CW060
INK10	CR367219	08/02/2018	0.00	5,190.00	INK10 - Wheel (2) - U:95709
INK10	CR367219	08/02/2018	0.00	3,630.00	INK10 - Roller (6) - U:CW058
INK10	CR367219	08/02/2018	0.00	8,535.96	INK10 - Roller (12) - J:LH2136
JDM		08/02/2018	9.50	489.25	Work on undercarriage, welding
JDM		08/03/2018	6.00	309.00	Pull pumps
INK10	CR367315	08/03/2018	0.00	957.27	INK10 - Pin - U:59850B01
INK10	CR367315	08/03/2018	0.00	829.19	INK10 - Pin - U:59854B04
MYCO		08/03/2018	1.00	40.97	Help unload tracks
WRENCH		08/03/2018	9.00	757.35	Weld up bore on stick end of boom, bore out foot end, bore out stick end, weld and machine LHS face on stick end, measure parts and make installation tools
B&L10	561094	08/03/2018	0.00	240.97	B&L10 - Straighten door, reweld screen
WRENCH		08/07/2018	9.00	757.35	Press in bushing for stick/boom connection, remove wear sleeves from boom foot lugs, clean bores and push in new sleeves, finish off bore for pin lugs, clean up and test pin, good fit
JDM		08/07/2018	3.00	154.50	Change engine mounts
WRENCH		08/08/2018	8.00	673.20	Bore for boom foot bushings, flap hole smooth, press in bushings, try pin (good fit), clean up

Vendor	Invoice	Date	Hours	Cost	Description
WRENCH		08/09/2018	8.00	673.20	Inspect hoses on top of boom and remove worn ones, clean woody debris from around pipes and hoses, cut new debris guarding, install new hoses, fit debris guards in place
MYCO		08/09/2018	1.00	40.97	Pick up parts
INK10	CR367436	08/09/2018	0.00	1,538.38	INK10 - Element - U:208161
JDM		08/09/2018	2.00	103.00	Change rear seal, put side door on
JDM		08/10/2018	10.00	515.00	Install pump drive and pumps, fill hyd tank, put guards on
NCH10	18886	08/10/2018	0.00	3,645.50	NCH10 - Repair tool cyl
WRENCH		08/10/2018	8.00	673.20	Replace small hose on rear levelling cyl, install guard, weld on head chute tips and replace top piece, weld cracks on head
NCH10	18884	08/11/2018	0.00	1,113.61	NCH10 - Repair 1st track adjuster
NCH10	18885	08/11/2018	0.00	1,113.61	NCH10 - Repair 2nd track adjuster
JDM		08/13/2018	10.00	515.00	Put boom / stick on
MYCO		08/13/2018	2.50	102.42	Clean around boom, put blocking away, pick up parts
ONTRACK		08/13/2018	3.00	169.50	- help with boom install
WRENCH		08/13/2018	10.50	883.58	Pin boom to machine, make hyd connections and connect lift cyls, install update kit for ER valve, connect stick to boom, install stick cyls and connect, repair grease lines, install tool cyl
WRENCH		08/14/2018	10.00	841.50	Work on installing track rollers on track frames, bolt idler wheels on the recoil/track assembly
ONTRACK		08/14/2018	6.00	339.00	- help with roller install
JDM		08/14/2018	10.00	515.00	Work on undercarriage
INK10	CR367563	08/14/2018	0.00	1,163.46	INK10 - Turbo coupling - U:26334B
INK10	CR367563	08/14/2018	0.00	810.06	INK10 - Turbo coupling blanket - U:BH486
JDM		08/15/2018	4.00	206.00	Undercarriage
ONTRACK		08/15/2018	2.00	113.00	- help prep car body cracks to be welded
WRENCH		08/15/2018	10.00	841.50	Build up worn spot in LH idler pocket, remove bad hoses from head, order new hoses, make up debris guard for tool cyl and install, cut pieces to reinforce track frames
WRENCH		08/16/2018	11.00	925.65	Install new hoses on head, find more hoses need replacing and order, continue cutting pieces for track frame reinforcement

Vendor	Invoice	Date	Hours	Cost	Description
JDM		08/16/2018	10.00	515.00	Welding
JDM		08/17/2018	10.00	515.00	Welding
WRENCH		08/17/2018	11.00	925.65	Weld in reinforcement on rock guards, gather parts
MYCO		08/27/2018	1.00	40.97	Clean up around unit
WRENCH		08/27/2018	10.00	841.50	Replace hoses, change exhaust coupling, move bracket for muffler, install debris guards, clean out debris by rads, help install LH idler/adjuster/recoil, get tracks off pallets and laid out
WRENCH		08/28/2018	10.50	883.58	Install tracks and track pins, install track adjust valves, set up and weld ice lugs on tracks
WRENCH		08/29/2018	5.50	462.82	Head - trim claw to make room for tool cyl, repair crack in spine of head, grind smooth to prevent chafing of lines, prime/paint area, check on leak at pinion seal (minor)
WRENCH		08/29/2018	2.50	210.38	Adjust track tension, weld on grab handles, clean proximity sensor for overhead door, unable to fix low voltage alarm for anti-stall, check hyd levels, change hose
MYCO		08/29/2018	1.00	40.97	Clean up around machine
MYCO		08/30/2018	0.25	10.24	Put out parts and supplies
WRENCH		08/30/2018	2.50	210.38	Install camp radio antenna, find/repair cause of audible alarm on anti-stall circuit
MHL		08/31/2018	0.00	9,073.75	Monthly equipment costs for August 2018
MYCO		09/11/2018	1.50	61.46	Tool cyl, o-ring
ONTRACK		09/11/2018	2.00	86.00	- help fix hydr leak & repair guard
ONTRACK		09/12/2018	4.00	172.00	- try to fix hydr pip, order new one & make plan
MYCO		09/12/2018	3.00	122.91	Head rotation leak
MYCO		09/13/2018	1.50	61.46	Move for repairs
WRENCH		09/14/2018	4.50	378.68	Replace leaking pipe, replace guard, spot welding
MYCO		09/17/2018	1.50	61.46	New teeth
ONTRACK		09/21/2018	5.00	215.00	- 250 hr service
MYCO		09/25/2018	1.00	40.97	Turn teeth
MYCO		09/26/2018	6.00	245.82	No stick function (Scott)
ONTRACK		09/26/2018	8.50	596.02	- hike up into the backside to work on stick hydr problem, pack tools up & down, order quad valve from kenworth

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		09/27/2018	8.50	596.02	- go over hyd system, change filters & cut apart, remove pilot screen, wash out, recheck pilot oil pressure at manifold block, remove 2 hyd hoses & have repaired
MYCO		09/27/2018	8.00	327.76	Work with Scott on no stick function
INK10	CR369629	09/28/2018	0.00	693.13	INK10 - Joy valve - U:AW071
MHL		09/30/2018	0.00	2,157.45	Monthly equipment costs for September 2018
ONTRACK		10/01/2018	8.00	560.96	- change quad valve out & wire back in handle, change 2 hoses, test controls
MYCO		10/02/2018	1.00	40.97	New teeth
ONTRACK		10/03/2018	2.00	140.24	- change arm rests
ONTRACK		10/05/2018	1.00	70.12	- weld used teeth on back on saw housing
MYCO		10/07/2018	1.50	61.46	Hose, head rotate
ONTRACK		10/09/2018	8.00	452.00	- diagnose felling head wrist issue, take apart
ONTRACK		10/09/2018	7.00	490.84	- move machine, check rotate problem with head, remove rotate pinions, take hydr motor to get checked
INK10	CR370057	10/09/2018	0.00	11,447.10	INK10 - Output shaft - U:36480B
INK10	CR370119	10/10/2018	0.00	5,986.26	INK10 - Motor (2) - U:AQ055EX
ONTRACK		10/10/2018	1.00	70.12	- hydr motors were all worn badly, NWR picked up 2 at Kenworth & had another brought in
ONTRACK		10/11/2018	8.00	560.96	- install pinion gears & motors we had, repair side door, weld latch back on
ONTRACK		10/11/2018	8.00	452.00	- install new wrist pinions & motors, clean all pipes & oring hydr connections, clean & inspect wrist ring gear
INK10	CR370193	10/11/2018	0.00	2,993.13	INK10 - Motor - U:AQ055EX s/n N81236713
INK10	CR370282	10/12/2018	0.00	713.13	INK10 - Valve car - U:AU056
ONTRACK		10/12/2018	9.50	536.75	- install final motor, bleed system, inspect ring gear again, found damage, remove wrist bearing & all rotate & pinions
ONTRACK		10/12/2018	9.00	631.08	- assemble head rotate, found problem with rotex gear, remove head & bearing, order bearings & gear
ONTRACK		10/16/2018	0.50	35.06	- pick up rotate bearing, load into truck
ONTRACK		10/17/2018	9.00	631.08	- weld tool adaptor crack, change rotate bearing assemble all rotate gears & motors
ONTRACK		10/17/2018	9.50	536.75	- install wrist bearing & assemble head

Vendor	Invoice	Date	Hours	Cost	Description
INK10	CR370534	10/17/2018	0.00	8,379.74	INK10 - Bearing - U:AA161
ONTRACK		10/18/2018	3.00	169.50	- finish off wrist install, test pressures, install guards
ONTRACK		10/18/2018	5.00	350.60	- hydr test pressures for rotate, put all guards on, ready to go
MYCO		10/18/2018	1.50	61.46	
MYCO		10/23/2018	5.00	204.85	Hyd screen filter, run to CR for parts
MYCO		10/26/2018	1.00	40.97	Saw shaft
ONTRACK		10/29/2018	0.50	21.50	- help with head failure
WRENCH		10/29/2018	8.00	673.20	Saw blade has dropped, arc off weld that hold on skis, remove skis, remove blade, drive spindle broken off close to bolt flange, remove motor and mounting cap, remove other 1/2 of drive spindle
WRENCH		10/29/2018	2.00	168.30	(continue from previous) wipe out grease and examine for damage, severe pitting and excessive wear in bearings, grease seal and bearings require replacement, order parts
INK10	CR371200	10/29/2018	0.00	683.90	INK10 - Bearing kit - U:AA037
INK10	CR371200	10/29/2018	0.00	768.73	INK10 - Bearing kit - U:AA038
WRENCH		10/30/2018	9.50	799.42	Weld inside of bearing races to shrink them to remove from saw drive housing, clean all usable parts and put in cab to keep dry, welding repairs on head structure
WRENCH		10/31/2018	2.00	168.30	Pick up parts and go to Courtenay shop, sweat seal ring onto drive spindle and install seal, sweat bearing on spindle as well, pack up for install tomorrow
INK10	CR371327	10/31/2018	0.00	2,550.00	INK10 - Spindle - U:83087B02
MHL		10/31/2018	0.00	3,011.41	Monthly equipment costs for October 2018
INK10	CR371424	11/01/2018	0.00	9,012.50	INK10 - Saw blade - U:4267D
WRENCH		11/01/2018	10.50	883.58	Install grease retainer and both bearing races in saw housing, install drive spindle, install cap and spacers, install blade on lower flange of spindle, adjust free play and runout
ONTRACK		11/02/2018	10.00	701.20	- remove old blade, install new one, fit & weld ski's back on bottom, machine has big oil leak from strainer filter, pick up another filter, study hydr schematics at home, maybe a hose crossed
MYCO		11/02/2018	0.25	10.24	Unload damaged saw blade
MYCO		11/05/2018	3.00	122.91	

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		11/05/2018	4.00	280.48	- track hydr lines from saw motor to filters, found a hose crossed from town repair, swap back should stop filter from leaking
MYCO		11/07/2018	1.00	40.97	
WRENCH		11/20/2018	4.00	336.60	Lots of play in stick/boom joint, grease line to RH bushing has come off, been gone for some time, bushing worn out, will not take grease, pick up new bushings
MYCO		11/20/2018	4.00	163.88	
WRENCH		11/21/2018	11.00	925.65	Prepare to remove stick/boom pin, remove pin and lift stick clear of boom, cut out old bushings, clean up holes and press in new bushings, reroute grease lines, connect stick to boom
ONTRACK		11/21/2018	8.00	560.96	- remove stick pin, change bushings, install pin & stick, nook up hoses & cycl
MYCO		11/22/2018	1.00	40.97	Cab side grease line, boom to stick
MYCO		11/23/2018	1.50	61.46	Install grease line
MYCO		11/27/2018	1.50	61.46	Lower right grab arm spring
ONTRACK		11/27/2018	1.00	70.12	- remove collector arm spring for jim, straighten z bar on lower window support
MYCO		11/28/2018	1.00	40.97	Install return springs lower right grab arm
MYCO		11/29/2018	2.50	102.42	Alternator
ONTRACK		11/29/2018	3.50	197.75	- diagnose no charge, R&R alt & charge batteries with hoe
INK10	CR372827	11/29/2018	0.00	736.44	INK10 - Alternator - U:AF096
MHL		11/30/2018	0.00	2,138.70	Monthly equipment costs for November 2018
MYCO		12/01/2018	4.00	163.88	Tilter hose install
MYCO		12/02/2018	1.50	61.46	
MYCO		12/03/2018	1.50	61.46	Rotation motor, steel line
ONTRACK		12/03/2018	3.00	210.36	- weld steel pip on head rotate, pipe, order new one
ONTRACK		12/06/2018	1.50	84.75	- r&r flange oring on cab side boom cycl & clean
MYCO		12/06/2018	1.00	40.97	Cab side boom cyl passing oil
ONTRACK		12/07/2018	3.00	169.50	- 250 hr service, remove boom cycl & take to island chrome
NCH10	19068	12/11/2018	0.00	1,823.66	NCH10 - Repair cyl
NCH10	19069	12/11/2018	0.00	4,441.70	NCH10 - Repair second cyl

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		12/12/2018	4.00	226.00	- install boom cycl, finish off service, grease tilter points
ONTRACK		12/12/2018	5.00	350.60	- install boom cycl, grease tilter, remove plugs
ISL10	43453	12/20/2018	0.00	200.00	ISL10 - Repair alternator
MHL		12/31/2018	0.00	974.92	Monthly equipment costs for December 2018
MYCO		01/11/2019	1.00	40.97	Hyd hose
ONTRACK		01/11/2019	3.50	245.42	- remove broken & bent grab arm, remove leaking hose in pump area
ONTRACK		01/12/2019	8.00	560.96	- repair, straighten & weld grab arm
ONTRACK		01/13/2019	8.00	560.96	- repair & weld grab arm
ONTRACK		01/15/2019	4.00	280.48	- install grab arm
MYCO		01/15/2019	3.00	122.91	Hose, screen filter, install grab arm
MYCO		01/17/2019	1.50	61.46	Turn teeth
MYCO		01/18/2019	0.50	20.48	Pick up parts
MYCO		01/18/2019	1.50	61.46	Replace fuel filters
MYCO		01/21/2019	1.00	40.97	Change out fuel filters
MYCO		01/22/2019	1.00	40.97	
MYCO		01/24/2019	2.50	102.42	Right joy stick grab arm close
ONTRACK		01/24/2019	2.00	140.24	- bush repair quad handle button, order new cover plate
MYCO		01/25/2019	1.50	61.46	Turn teeth
MYCO		01/28/2019	4.00	163.88	Check all pad bolts, new pad, repair door track
ONTRACK		01/28/2019	5.50	236.50	- replace track pad, go over all pad bolts, take operator to new cut block
MYCO		01/30/2019	1.50	61.46	New teeth
MHL		01/31/2019	0.00	2,620.04	Monthly equipment costs for January 2019
MYCO		02/04/2019	1.50	61.46	
ONTRACK		02/07/2019	5.50	236.50	- 500 hr service, pad bolts, help with hydr pipes on head, help w/hydr leak on head, clean up garbage
ONTRACK		02/07/2019	7.00	395.50	- 500 hr service, diagnose head leak, r&r left wrist motor pumps, r&r broken bolt, tighten pad bolts (re torque)

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		02/11/2019	3.00	169.50	- finish off torqing pad bolts, diagnose A/C heater fuse blowing, fix rubbed through wire @A/C compressor, fix hydr leaks on valve bank, fix valve bank(spool adj lock nuts loose)
ONTRACK		02/11/2019	1.00	56.50	- fix valve bank cover/door & adj hood stop switch, adj side door strikers
ONTRACK		02/12/2019	5.00	215.00	- pad bolts & motor repairs
MYCO		02/27/2019	1.50	61.46	
ONTRACK		02/28/2019	1.00	70.12	- order brake parts & pick up
MHL		02/28/2019	0.00	4,508.48	Monthly equipment costs for February 2019
ONTRACK		03/01/2019	1.00	70.12	- go over brake job with AJ
ONTRACK		03/01/2019	9.50	536.75	- r&r left brake frictions, make tooling to compress springs
MYCO		03/01/2019	1.00	40.97	
ONTRACK		03/04/2019	8.50	480.25	- r&r right brake (travel) check brake release pressure, check brake operation, fix wrist motor covers/bolts, fix coolant leak @ upper rad hose, fix hydr leak @ valve bank
ONTRACK		03/05/2019	5.50	310.75	- adj spindle bearings for falling head, r&r quad handle buttons, repair cracks on head
MYCO		03/06/2019	3.50	143.40	Boom stick hose
ONTRACK		03/07/2019	10.00	565.00	- diagnose travel motor free wheeling, check motor case drains, diagnose boom creeping, remove boom cycl & hoses for boom & 1 stick hose
ONTRACK		03/07/2019	4.00	280.48	- work on brake, holding on steep ground, test boom cycl, remove RH one & take to town
ONTRACK		03/11/2019	5.50	385.66	- install boom cycl, install guards, change grab arm cycl, top up oil
ONTRACK		03/11/2019	5.50	310.75	- install boom cycl & hoses, r&r grab arm cycl, pick up cycl from NIC & drop off grab arm cycl
MYCO		03/13/2019	1.50	61.46	
MYCO		03/14/2019	1.50	61.46	Install 2 way radio
ONTRACK		03/15/2019	2.00	140.24	- get travel motor numbers, remove covers
MYCO		03/19/2019	1.50	61.46	
MYCO		03/20/2019	1.00	40.97	
MYCO		03/22/2019	1.00	40.97	
MYCO		03/25/2019	2.50	102.42	Saw, Kenworth

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		03/25/2019	3.00	210.36	- get saw to work
MYCO		03/26/2019	1.50	61.46	Hoses
MYCO		03/27/2019	1.50	61.46	Hose
MYCO		03/29/2019	1.00	40.97	
MHL		03/31/2019	0.00	2,980.96	Monthly equipment costs for March 2019
TMA10	58927	04/01/2019	0.00	1,305.00	TMA10 - Friction plate (2) - MSCW4-404-897-010-1
MYCO		04/01/2019	1.00	40.97	
MYCO		04/02/2019	1.00	40.97	
MYCO		04/04/2019	1.00	40.97	
MYCO		04/05/2019	1.00	40.97	
MYCO		04/09/2019	2.00	81.94	Turn teeth
MYCO		04/10/2019	1.00	40.97	
MYCO		04/11/2019	1.50	61.46	
ONTRACK		04/16/2019	1.00	70.12	- check over tilter & bearing
ONTRACK		04/16/2019	1.00	56.50	- inspect rotec bearing & tilter assembly
ONTRACK		04/17/2019	7.00	395.50	- adj tilter bearing & inspect tilter
ONTRACK		04/17/2019	7.00	490.84	- adj leverl pivot pins, remove shims & torq up appears to have bad pivot bearing, found crack in pivot table, both sides tilt cycl lower bushings, need replacing
MHL		04/30/2019	0.00	668.27	Monthly equipment costs for April 2019
MHL		05/31/2019	0.00	328.21	Monthly equipment costs for May 2019
HYD10	108186	05/31/2019	0.00	4,179.19	HYD10 - Repair travel motor (1 of 2)
HYD10	108187	05/31/2019	0.00	4,179.19	HYD10 - Repair travel motor (2 of 2)
MYCO		06/13/2019	2.50	102.42	Tilter hose, new teeth
MYCO		06/19/2019	2.50	102.42	Right tilter base, o-rings
ONTRACK		06/19/2019	2.00	140.24	- check tilter cycl position & repair hydr leak
MYCO		06/21/2019	1.50	61.46	Tool cyl hose
MYCO		06/27/2019	2.00	81.94	
NCH10	19219	06/29/2019	0.00	1,838.64	NCH10 - Rebuild cylinder
MHL		06/30/2019	0.00	691.96	Monthly equipment costs for June 2019
MYCO		07/02/2019	1.50	61.46	New teeth

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		07/04/2019	4.00	280.48	- service eng & hydr filters, clean eng, look for leaks, looks like front & rear seal leaking
ONTRACK		07/04/2019	4.00	226.00	- 500 hr service
ONTRACK		07/05/2019	6.00	420.72	- work on a/c, charge it up, look for leaks, remove broken bolts from saw head to guard, weld crack in head & install guard
MYCO		07/30/2019	1.00	40.97	Hose
MYCO		07/31/2019	1.50	61.46	
MHL		07/31/2019	0.00	1,317.68	Monthly equipment costs for July 2019
ONTRACK		08/26/2019	9.00	508.50	- remove hydr pumps, drain hydr tank, drain eng oil, start to remove bell housing
ONTRACK		08/26/2019	8.50	596.02	- work at changing front seal, clean parts & install
ONTRACK		08/27/2019	9.00	631.08	- work at pan seal leak, remove pan and plate, clean parts & install
ONTRACK		08/27/2019	9.00	508.50	- reseal eng oil pan, remove rear seal retainer & reseal, install new seal, clean & install bell housing w/new mounts, start to reseal on hydr pumps
MYCO		08/27/2019	0.50	20.48	Help Scott
ONTRACK		08/28/2019	4.00	280.48	- install water pump belt, change front mount, drain coolant, install new water valves, fill up rad, install under house pans
WRENCH		08/30/2019	2.00	168.30	Weld three cracks in head
MHL		08/31/2019	0.00	984.62	Monthly equipment costs for August 2019
MYCO		09/06/2019	1.00	40.97	Pick up tires for lowbed move
MYCO		09/17/2019	2.00	81.94	Main hyd pump leak
MYCO		09/18/2019	1.00	40.97	Test port main pump, leak now steady flow
ONTRACK		09/18/2019	1.00	70.12	- repair hydr leak, order fitting
MYCO		09/26/2019	1.00	40.97	
MYCO		09/30/2019	0.50	20.48	
MHL		09/30/2019	0.00	457.70	Monthly equipment costs for September 2019
MYCO		10/01/2019	2.00	81.94	Install coax for radio, house clean leaky compartment
MYCO		10/04/2019	1.50	61.46	Turn teeth
MYCO		10/07/2019	1.50	61.46	Hyd overheating
ONTRACK		10/07/2019	2.00	140.24	- blow rad, check temps with heat gun

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		10/08/2019	1.50	61.46	New teeth
MYCO		10/11/2019	2.50	102.42	Head rotation motor leak
ONTRACK		10/11/2019	4.00	280.48	- fix hydr leak on saw head, repair mounting bolts for guard
MYCO		10/16/2019	2.50	102.42	Saw tool cyl hose
MYCO		10/21/2019	2.50	102.42	Hose
ONTRACK		10/21/2019	1.00	70.12	- adj wiring to saw for pump zap strap coil so it wont move
ONTRACK		10/23/2019	1.00	70.12	- look at temp, sending trouble, order sender
MYCO		10/23/2019	1.50	61.46	Tiger Cat and Scott working on hyd overheat
ONTRACK		10/25/2019	1.00	70.12	- change temp sender for hydr
ONTRACK		10/31/2019	1.00	70.12	- repair hydr leak
MYCO		10/31/2019	2.00	81.94	Hose
MHL		10/31/2019	0.00	4,190.38	Monthly equipment costs for October 2019
ONTRACK		11/01/2019	3.50	245.42	- 500 hr service, grease all tilter fittings, change hydr filters & eng oil & filters, change air cleaners & strainer filters
ONTRACK		11/01/2019	3.50	197.75	- 500 hr service
ONTRACK		11/04/2019	2.00	140.24	- repair grab arm tip, build new tip, found more cracks
ONTRACK		11/05/2019	5.50	385.66	- gouge & weld up cracks in grab arm, repair hydr leak in saw head
ONTRACK		11/07/2019	5.50	385.66	- go over to rock bay with chains & shackles to help with machine roll over
MYCO		11/07/2019	2.50	102.42	Flip buncher on side
ONTRACK		11/08/2019	9.50	666.14	- gather up chains from town shop, go to Elk & get AJ to bring shop truck over to Rock bay, help rig up to roll machine over, work on damage, turn eng with a bar but wont turn all the way
JDM		11/08/2019	6.00	309.00	Flip upright
ONTRACK		11/12/2019	6.50	455.78	- work on eng, getting it to turn over without damage, remove injectors, suck oil oil with vaccuum bottle, put back together, still no good
ONTRACK		11/13/2019	9.00	631.08	- work on eng, remove injectors, get th rest of oil out of top end, put back together & start up, repair side door guard, install guard on eng, adj front door
MYCO		11/13/2019	3.00	122.91	Repair bent escape hatch

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		11/13/2019	1.00	40.97	Take off lines and get buncher to road
ONTRACK		11/14/2019	7.00	490.84	- make new hose for grease line from boom knuckle, remove & install new line, install escape hatch on roof, change eng oil & filter, build new grab handle & step on LH side, move machine
MYCO		11/15/2019	1.50	61.46	
MYCO		11/18/2019	0.75	30.73	Chain
MYCO		11/18/2019	1.50	61.46	Housekeeping, tailgate
INK10	10776CRP	11/20/2019	0.00	932.87	INK10 - Valve chamber cover - 26551B
MYCO		11/28/2019	4.50	184.36	Clean out debris in engine compartment, blow out around hyd hoses
MYCO		11/28/2019	2.00	81.94	Find ice cleats available today
MHL		11/30/2019	0.00	529.64	Monthly equipment costs for November 2019
INK10	3115CRS	12/05/2019	0.00	1,811.02	INK10 - Recertify fire suppression, reset travel specs
MYCO		12/11/2019	2.50	102.42	Repair strip at bottom of cab entrance door, pick up supplies
MYCO		12/12/2019	1.50	61.46	Turn teeth
MYCO		12/18/2019	1.00	40.97	Turn teeth
MYCO		12/19/2019	3.50	143.40	Electrical relay, fitting on grab on cyl
ONTRACK		12/19/2019	2.50	141.25	- diagnose no funtions & no screen, r&r boom fitting on grab arm cyl
MYCO		12/23/2019	3.00	122.91	Replace fitting in lower grab arm cyl, turn teeth
MYCO		12/30/2019	1.50	61.46	Tool cyl hose
MHL		12/31/2019	0.00	1,434.01	Monthly equipment costs for December 2019
MYCO		01/03/2020	0.50	20.48	Head rotation issue
MYCO		01/06/2020	1.50	61.46	Head rotate issue
ONTRACK		01/06/2020	2.50	175.30	- trouble shoot head rotaion problem (stuck on the right) check computer, saw .2mu draw, replace trigger switch
ONTRACK		01/27/2020	1.50	84.75	- r&r acculator & fittings / untangle hoses
MYCO		01/27/2020	1.50	61.46	Grab arm cyl
MYCO		01/30/2020	1.00	40.97	Replace track pad
ONTRACK		01/30/2020	1.50	84.75	- r&r track pad
MHL		01/31/2020	0.00	839.19	Monthly equipment costs for January 2020
MYCO		02/03/2020	1.50	61.46	

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		02/12/2020	2.00	113.00	- cut broken pad to prevent binding, r&r tool cycl hose oring, look at seat suspension & repair
MYCO		02/12/2020	3.00	122.91	Tool cyl leak, grab arm pin, repairs to seat
MYCO		02/13/2020	1.00	40.97	Adjust track pads
ONTRACK		02/13/2020	1.50	84.75	- r&r broken pad & cut another pad for clearance
ONTRACK		02/18/2020	4.00	226.00	- drive to Elk Bay, 250 hr service, r&r hood sensor, r&r track pad
ONTRACK		02/18/2020	4.00	280.48	- service machine, change planetary oil & swing, replace broken pad
MYCO		02/19/2020	1.00	40.97	Hose
MYCO		02/21/2020	1.00	40.97	Engine bonnet warning
MYCO		02/24/2020	1.00	42.20	
MHL		02/29/2020	0.00	1,548.88	Monthly equipment costs for February 2020
MYCO		03/02/2020	1.00	42.20	New teeth
ONTRACK		03/03/2020	1.50	84.75	- diagnose & repair no throttle, swing brake & no functions
ONTRACK		03/05/2020	1.50	105.18	- start lookng into travel proclm & seat issue
ONTRACK		03/05/2020	1.00	56.50	- remove am/fm radio speaker for replacement
MYCO		03/06/2020	1.00	42.20	Turn teeth
MYCO		03/06/2020	1.50	63.30	Pick up parts
MYCO		03/10/2020	1.00	42.20	Scott working on machine
ONTRACK		03/10/2020	1.00	56.50	- diagnose no low travel, r&r travel coil, reattach step
ONTRACK		03/10/2020	1.00	70.12	- change speakers, old ones shorted out, fix high/low, change solenoid
MYCO		03/16/2020	1.00	42.20	Teeth
INK10	14021CRP	03/16/2020	0.00	1,455.55	INK10 - Seat chassis - 211221
INK10	14021CRP	03/16/2020	0.00	1,329.83	INK10 - Seat kit - BQ065
ONTRACK		03/20/2020	8.00	452.00	- r&r sear & clean cab, fix RH step
MHL		03/31/2020	0.00	2,484.93	Monthly equipment costs for March 2020
MYCO		04/21/2020	1.50	63.30	Replace hose, turn teeth
MYCO		04/23/2020	1.00	42.20	
ONTRACK		04/27/2020	5.00	350.60	- 500 hr service, weld cracks on felling head

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		04/27/2020	4.50	254.25	- 500 hr service, repair cracks on butt plate & grab arm
MHL		04/30/2020	0.00	835.69	Monthly equipment costs for April 2020
MHL		05/31/2020	0.00	232.83	Monthly equipment costs for May 2020
MHL		06/30/2020	0.00	155.83	Monthly equipment costs for June 2020
ONTRACK		07/16/2020	1.50	84.75	- walk machine to beach
ONTRACK		07/20/2020	3.50	197.75	- drop all belly pans & remove heavy debris, power wash
ONTRACK		07/22/2020	1.00	56.50	- put belly pans back up & clean up, adj eng door hinges
ONTRACK		07/27/2020	2.00	140.24	- start to work on set up saw bearings, walk up to shop area
MHL		07/31/2020	0.00	155.83	Monthly equipment costs for July 2020
ONTRACK		08/06/2020	2.00	140.24	- work on settin gsaw blade, measure shims, dial indicate spindle
ONTRACK		08/07/2020	3.00	210.36	- finish saw set up & install motor & side plates
MHL		08/31/2020	0.00	155.83	Monthly equipment costs for August 2020
MHL		09/30/2020	0.00	155.83	Monthly equipment costs for September 2020
MHL		10/31/2020	0.00	138.75	Monthly equipment costs for October 2020
ONTRACK		11/11/2020	1.00	70.12	- go out to Union Bay, get started, manually life hood, move loader over and jump start
ONTRACK		11/17/2020	1.00	56.50	- check & top up fluids & run eng
ONTRACK		11/24/2020	2.00	113.00	- help Mike load onto lowbed & put up hill (4k)
MHL		11/30/2020	0.00	138.75	Monthly equipment costs for November 2020
ONTRACK		12/08/2020	4.00	226.00	- take apart HVAC unit to check out fan, clean, r&r fan motor & blades
JDM		12/08/2020	4.00	206.00	Fix heater fans
JDM		12/14/2020	1.00	51.50	Change teeth
ONTRACK		12/18/2020	4.00	226.00	- straighten & adj eng side door
MHL		12/31/2020	0.00	612.08	Monthly equipment costs for December 2020
ONTRACK		01/06/2021	3.00	169.50	- diagnose no heater fan on back vents, r&r rear heater motor assembly & lockite hardware for motor, r&r 2 pads on LH track, reseal sky light frame & glass
JDM		01/06/2021	4.00	206.00	Change pads, fix fan, seal roof

Vendor	Invoice	Date	Hours	Cost	Description
JDM		01/08/2021	4.50	231.75	Take cylinders off and take to town
ONTRACK		01/08/2021	4.50	254.25	- diagnose no start, remove tool cycl & LH boom cycl
NCH10	20112	01/16/2021	0.00	5,465.28	NCH10 - Rebuild tool cycl
NCH10	20114	01/16/2021	0.00	3,237.99	NCH10 - Rebuild boom cycl
ONTRACK		01/18/2021	7.00	395.50	- install tool cycl & boom cycl, put guarding back on
ONTRACK		01/21/2021	1.00	56.50	- r&r oring for cylinder
JDM		01/21/2021	3.00	154.50	Blown hose
JDM		01/22/2021	3.00	154.50	Oil leaks
ONTRACK		01/22/2021	1.50	84.75	- try to r&r tool cycl fitting (wrong fitting) change oring
JDM		01/26/2021	1.50	77.25	Change hose
ONTRACK		01/26/2021	2.00	113.00	- r&r tool cycl hose & fittings
MHL		01/31/2021	0.00	1,254.45	Monthly equipment costs for January 2021
MHL		02/28/2021	0.00	338.75	Monthly equipment costs for February 2021
MYCO		03/24/2021	0.50	21.52	Repair damaged sign frame
MHL		03/31/2021	0.00	138.75	Monthly equipment costs for March 2021
MHL		04/30/2021	0.00	167.37	Monthly equipment costs for April 2021
ONTRACK		05/03/2021	3.00	169.50	- diagnose no a/c, top up refridgent, weld wrist motor cover on
JDM		05/03/2021	4.00	206.00	Work on AC with AJ
JDM		05/04/2021	3.00	154.50	Work on AC, blown hose
ONTRACK		05/04/2021	2.50	141.25	- adj free switch, add more refridgerent, help change cutting teach, make new am/fm antenna & install
ONTRACK		05/12/2021	2.50	141.25	- check for oil lak near wrist motor, remove 2 pipes & braze cracks, fix cover mounting bolts
JDM		05/12/2021	4.00	206.00	Weld pipes
MYCO		05/14/2021	0.50	21.52	Order parts
JDM		05/19/2021	2.00	103.00	Blown hose
JDM		05/21/2021	2.00	103.00	Blown hose, change teeth
ONTRACK		05/25/2021	4.50	254.25	- 250 hr service, clean up around eng, tighten a/c belt, reseal grab arm & wrist valve bank adjustors, measure leaking hydr hose on pumps, rebolt valve bank hood side & side pannel, adj door switch

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		05/25/2021	3.00	169.50	- rebolt boom knuckle hoop & fix grease line, inspect head for cracks, remove saw motor guarding & hydr motor, clean out
ONTRACK		05/26/2021	3.50	197.75	- gouge cracks out & start welding
ONTRACK		05/27/2021	6.00	339.00	- remove broken coolant temp sensor & install new, finish welding cracks on head, install saw motor & grease, remove broken bolts from stick hose guard, install new, r&r hdy hose off pumps & clean up
MHL		05/31/2021	0.00	2,512.29	Monthly equipment costs for May 2021
ONTRACK		06/02/2021	1.00	56.50	- take belly pans off, look for hydr leak around valve bank
JDM		06/02/2021	3.50	180.25	Powerwash
JDM		06/07/2021	2.00	103.00	Welding on head
ONTRACK		06/07/2021	1.50	84.75	- repair cracks on grab arm, tighten hydr tank bolts
MHL		06/30/2021	0.00	436.11	Monthly equipment costs for June 2021
ONTRACK		07/21/2021	6.00	420.72	- remove pans, dig sticks out, pressure wash
MHL		07/31/2021	0.00	138.75	Monthly equipment costs for July 2021
MHL		08/31/2021	0.00	138.75	Monthly equipment costs for August 2021
MYCO		09/21/2021	4.00	175.68	Leaks, lights
ONTRACK		09/21/2021	3.50	197.75	- r&r filters, r&r VHF radio antenna, fix seat belt, try to diagnose not revving up, fix button in cab for , help Bruce flip/charge teeth, charge a/c
ONTRACK		09/23/2021	2.50	141.25	- r&r orings on fan pump regulator & case drain on main pump, clean oil up, measure hose for saw motor
ONTRACK		09/23/2021	2.00	140.24	- put together 1 pad holder and make a bracket to hold power point outlet
MYCO		09/23/2021	2.50	109.80	Hyd leak
MYCO		09/27/2021	3.00	131.76	Hyd hose, wiring
ONTRACK		09/28/2021	3.00	210.36	- change saw hydr hose, remove all head guards to get at it, Yogi & I had troubles to install hose, install 1 pad mount & power point
MYCO		09/30/2021	1.00	43.92	Turn teeth
MHL		09/30/2021	0.00	1,537.80	Monthly equipment costs for September 2021
MYCO		10/01/2021	1.00	43.92	Hyd hose
MYCO		10/05/2021	2.50	109.80	Help mechanic

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		10/05/2021	2.00	140.24	-finish wiring for power point, work on travel issue, figured out, retrieve codes, check wiring on engine, order parts to seal roof hatch
ONTRACK		10/06/2021	1.00	70.12	- make phone call about problem with shut down, did some reading about it
ONTRACK		10/07/2021	2.00	140.24	- work on electrical issue, figure out how to mount cab saw, get parts
MYCO		10/07/2021	1.50	65.88	Saw mounting
MYCO		10/07/2021	0.50	21.96	Pick up supplies
MYCO		10/08/2021	2.00	87.84	Hyd hose
ONTRACK		10/08/2021	2.00	140.24	- install velcro straps to hold saw in cab, change leaky hose going to rotate motors
ONTRACK		10/13/2021	4.50	315.54	- got machine to the road with track off, set up road & install track
LEMON		10/13/2021	2.00	103.00	Help put track back on
MYCO		10/13/2021	4.50	197.64	Track came off
ONTRACK		10/15/2021	1.50	84.75	- diagnose oil leak & vibration while eng running
MYCO		10/15/2021	1.50	65.88	Check eng oil leak
MYCO		10/19/2021	1.50	65.88	Repairs
ONTRACK		10/19/2021	2.50	141.25	- r&r a/c thermostat & check drains, r&r cab light & RH roof light, r&r heater vents & cab filter
ONTRACK		10/21/2021	4.00	280.48	- put track back on
ONTRACK		10/28/2021	1.00	70.12	- order filters & try to figure out a/c fogging problem, pick up parts
MYCO		10/28/2021	1.50	65.88	
MYCO		10/29/2021	3.50	153.72	Service machine, run to Kenworth for new pin
ONTRACK		10/29/2021	4.50	315.54	- 500 hr service, change swing & planetary oil, change hydr filters, change eng oil & filters, remove escape hatch on roof, install new seals to stop rain from leaking in
ONTRACK		10/29/2021	4.50	254.25	- 500hr service, reseal escape hatch
MHL		10/31/2021	0.00	2,039.40	Monthly equipment costs for October 2021
MYCO		11/01/2021	1.00	43.92	Roof leaking
ONTRACK		11/01/2021	1.50	84.75	- r&r hydr return filter oring, look for hydr leak on pumps
ONTRACK		11/02/2021	1.00	56.50	- silicone sky light, clean & dry around frame

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		11/05/2021	1.00	43.92	Hyd leak
ONTRACK		11/08/2021	5.00	282.50	- diagnose pilot fuse blowing, order new part from KW, use coil from buncher in town, install new coil
MYCO		11/08/2021	7.00	307.44	Electrical problem, meet in CR for parts
MYCO		11/08/2021	1.75	76.86	Take solenoid to Bruce
ONTRACK		11/09/2021	1.00	56.50	- diagnose door not latching, remove broken latches
ONTRACK		11/10/2021	2.00	113.00	- install new latches & adj stickers & door, reseal sky light, give Bruce ride back to machine
MYCO		11/10/2021	4.00	175.68	Fix door, reseal skylight
MYCO		11/11/2021	1.50	65.88	Hyd hose
MYCO		11/16/2021	3.00	131.76	Electrical
ONTRACK		11/17/2021	2.00	113.00	- diagnose no tilt & wrist function, inspect wiring for coils & module, r&r fuse for module, check amps of coils, r&r head 2 hose swivels, check fuel leak,
MYCO		11/19/2021	2.00	87.84	Hyd hose
MYCO		11/22/2021	1.50	65.88	Hyd hose
MYCO		11/26/2021	3.00	131.76	Reseal skylight
ONTRACK		11/26/2021	2.00	113.00	- weld cracks on butt plate, measure leakind hydr hose, need to be made, clean & reseal sky light with tape & weather stripping adhesive
MHL		11/30/2021	0.00	1,206.09	Monthly equipment costs for November 2021
MYCO		11/30/2021	2.00	87.84	Hyd leak
MYCO		12/02/2021	2.00	87.84	Hyd hose
MYCO		12/07/2021	3.50	153.72	Machine would not start
ONTRACK		12/07/2021	2.50	141.25	- diagnose no start, check injector returns to try & find one bad injector, charge batteries
ONTRACK		12/10/2021	1.00	70.12	- check over eng & get tag info
MYCO		12/13/2021	2.00	87.84	Would not start
MYCO		12/16/2021	4.00	175.68	Hoses, repairs
ONTRACK		12/16/2021	4.00	226.00	- diagnose eng oil leak, tighten fan pump mounting bolts & clean eng oil up, r&r hydr hoses, adj door strikers
ONTRACK		12/17/2021	2.50	141.25	- diagnose no start, charge batteries, check pump, block off #6 injector
MYCO		12/17/2021	3.00	131.76	Would not start

Vendor	Invoice	Date	Hours	Cost	Description
INK10	39470CRP	12/17/2021	0.00	1,631.14	INK10 - Injector (2) - 5263308PXCUM
INK10	CM39470CRP	12/20/2021	0.00	-815.57	INK10 - Injector - 5263308PXCUM
ONTRACK		12/20/2021	1.50	84.75	- r&r #6 injecto & run eng
MHL		12/31/2021	0.00	1,555.88	Monthly equipment costs for December 2021
MYCO		01/18/2022	1.50	65.88	New teeth
MYCO		01/21/2022	4.00	175.68	
ONTRACK		01/21/2022	3.50	197.75	- r&r sky light seal, extract broken bolts & tap out, r&r hose, reseal fitting on tool cycl
MHL		01/31/2022	0.00	1,245.61	Monthly equipment costs for January 2022
ONTRACK		02/01/2022	4.00	226.00	- 250 hr service
ONTRACK		03/02/2022	2.50	141.25	- remove hydr hose for tool cycl, make new, install at 5k on stems
MHL		03/31/2022	0.00	171.40	Monthly equipment costs for March 2022
MHL		04/30/2022	0.00	150.00	Monthly equipment costs for April 2022
ONTRACK		05/30/2022	1.00	70.12	- install hood hydr motor close hood
ONTRACK		05/30/2022	1.00	70.12	- install hood hydr motor close hood
MHL		05/31/2022	0.00	150.00	Monthly equipment costs for May 2022
ONTRACK		06/08/2022	1.00	70.12	- start & move buncher down to lowbed & load on to bed
ONTRACK		06/27/2022	1.50	87.30	- install new grab arm cycl pin, tighten guard on head
ONTRACK		06/29/2022	1.50	87.30	- check LH final oil level, top up, r&r plug gasket, check RH final, run machine to charge
MHL		06/30/2022	0.00	150.00	Monthly equipment costs for June 2022
INK10	48073CRP	07/07/2022	0.00	512.34	INK10 - AC compressor - BR091
ONTRACK		07/07/2022	3.50	203.70	- r&r oil ring for grab arms, diagnose a/c leak, r&r compensator & charge system
MYCO		07/20/2022	3.00	138.69	Welding
ONTRACK		07/20/2022	3.00	174.60	- diagnose radio working, r&r antenna gouge & weld cracks in RH garb arm
ONTRACK		07/21/2022	3.00	174.60	- diagnose oil leak by tilt cycl, r&r oring for tilt cycl hose
MYCO		07/21/2022	1.00	46.23	Hyd leak
MHL		07/31/2022	0.00	787.26	Monthly equipment costs for July 2022

Vendor	Invoice	Date	Hours	Cost	Description
MHL		08/31/2022	0.00	150.00	Monthly equipment costs for August 2022
MHL		09/30/2022	0.00	150.00	Monthly equipment costs for September 2022
MHL		10/31/2022	0.00	131.25	Monthly equipment costs for October 2022
MYCO		11/10/2022	1.00	46.23	Jump start
MYCO		11/15/2022	3.00	138.69	
ONTRACK		11/15/2022	4.00	232.80	- diagnose eng shutting down & module offline, inspect wiring, fuses & comms wiring
MYCO		11/18/2022	3.00	138.69	Hyd leaks
ONTRACK		11/21/2022	1.50	87.30	- diagnose oil leak in wrist motor cover, reseal fitting
MYCO		11/23/2022	2.00	90.44	Get parts and tools ready for mechanics
ONTRACK		11/25/2022	3.50	203.70	- straighten eng side door, reseal hydr fitting at ER valve
MYCO		11/25/2022	4.00	184.92	Fix engine door
MYCO		11/25/2022	1.50	67.83	Clean up tools
MYCO		11/28/2022	3.00	138.69	Hyd leaks
MYCO		11/29/2022	2.00	92.46	Hyd leaks
MHL		11/30/2022	0.00	391.41	Monthly equipment costs for November 2022
MYCO		12/01/2022	1.00	45.22	Clean up tools
ONTRACK		12/14/2022	2.50	145.50	- walk machine to 7 km on beach main
ONTRACK		12/15/2022	3.00	174.60	- walk to 4k on beach main
MHL		12/31/2022	0.00	155.45	Monthly equipment costs for December 2022
MHL		01/31/2023	0.00	131.25	Monthly equipment costs for January 2023
MHL		02/28/2023	0.00	131.25	Monthly equipment costs for February 2023
ONTRACK		03/14/2023	9.00	649.98	- start up, moved to shop area, check over, top up fluids, repair leaks, found cracked fitting, will have to pick up in town, gouge & weld cracks in grab arms & head
ONTRACK		03/14/2023	2.50	145.50	- move up into shop, help weld crack on head, diagnose oil leak on head
ONTRACK		03/15/2023	8.00	577.76	- replace leaking fitting put guards back on head, clean cab, found broken seat mount bolt, extract, replaced & tighten all seat mount bolts, pressure wash
MYCO		03/15/2023	2.50	113.05	Put out tools and toolbox for machine for new operator

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		03/16/2023	4.00	288.88	- mount tool box in machine, install tools, set up & change cutter teeth, install collector pin, walk up to block
MYCO		03/20/2023	1.00	46.23	Change hose
MYCO		03/21/2023	2.00	92.46	Electrical problem
ONTRACK		03/21/2023	2.00	116.40	- diagnose dying & modules going offline, r&r hot saw coil
ONTRACK		03/22/2023	3.50	203.70	- help R&r boom hose oring, diagnose no can comms, remove XT2 module, resolder loose component in module
MYCO		03/22/2023	2.50	115.58	Turn teeth, o-ring, module problem
MYCO		03/23/2023	2.00	92.46	Change o-ring, blown module
ONTRACK		03/23/2023	0.50	29.10	- order new XT2 module
INK10	58685CRP	03/25/2023	0.00	3,222.20	INK10 - Iqan module XT2 - AG012
ONTRACK		03/27/2023	3.50	203.70	- r&r IQAN XT2 module, inspect wiring for CAN, fix broken wires for murphy, screen CAN wiring, r&r relays, diagnose no a/c
MYCO		03/27/2023	1.50	69.34	Install module, go over electrical
MYCO		03/28/2023	0.50	23.12	Change oring
MHL		03/31/2023	0.00	1,896.66	Monthly equipment costs for March 2023
MYCO		04/05/2023	1.50	69.34	Turn teeth
MYCO		04/12/2023	1.50	69.34	Turn teeth
MYCO		04/14/2023	1.50	69.34	Turn teeth
MYCO		04/18/2023	1.50	69.34	Blown hose, broke fitting
ONTRACK		04/19/2023	5.00	361.10	- 500 hr service, change eng oil & filters, change hydr filters /swing & planetary oils, clean up oil mess from blown hose, clean oil mess from blown hose
ONTRACK		04/19/2023	0.50	29.10	- help w/service
ONTRACK		04/20/2023	2.50	145.50	- help Eric check fire suppression system
MHL		04/30/2023	0.00	488.42	Monthly equipment costs for April 2023
MHL		05/31/2023	0.00	4,059.34	Monthly equipment costs for May 2023
ONTRACK		06/02/2023	5.00	291.00	- finish installing turbo, remove charge air cooler & clean out
ONTRACK		06/05/2023	3.50	203.70	- help Eric with fire suspenssion, remove belly pans, start cleaning machine

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		06/06/2023	6.50	378.30	- move fire truck to wash machine pot belly pans back on, diagnose a/c leak, charge a/c, diagnose clutch not working
INK10	11962CRS	06/08/2023	0.00	2,621.58	INK10 - Recertify fire suppression
INK10	61821CRP	06/08/2023	0.00	711.41	INK10 - Battery for fire suppression - 211506
ONTRACK		06/09/2023	3.50	203.70	- drain final drives & inspect, inspect track components, loosen LH track off
ONTRACK		06/21/2023	2.00	116.40	- diagnose oil leak, remove all head hoses
ONTRACK		06/22/2023	3.00	174.60	- install new hoses for head
ONTRACK		06/23/2023	2.00	144.44	- check bent door, not much can do to it out there, remove door take to town
MYCO		06/25/2023	2.00	92.72	Help straighten bent door
ONTRACK		06/25/2023	6.00	433.32	- straighten door at shop, use excavator to push close, cut out ribs, straighten more, weld back together
ONTRACK		06/26/2023	3.00	174.60	- install eng side door & fab new latch, r&r fire suppression battery
INK10	62696CRP	06/27/2023	0.00	-281.65	INK10 - Return of parts not used on job
MHL		06/30/2023	0.00	2,703.62	Monthly equipment costs for June 2023
MHL		07/31/2023	0.00	131.25	Monthly equipment costs for July 2023
ONTRACK		08/02/2023	3.00	174.60	- jump start & run machine to charge batteries, check & top up fluids, move to better pull out
MHL		08/31/2023	0.00	131.25	Monthly equipment costs for August 2023
ONTRACK		09/18/2023	2.00	116.40	- r&r tool cycl hydr hose
ONTRACK		09/21/2023	3.50	203.70	- diagnose overheating hydr / code, check reversing valve, CAN wiring
CRO10	34187	09/27/2023	0.00	209.95	CRO10 - Repair starter
MHL		09/30/2023	0.00	752.80	Monthly equipment costs for September 2023
ONTRACK		10/27/2023	1.00	72.22	- walk out into the block, get hood to close, show him micro switch & how to latch cover down, swap relays to help with code coming up see if it helps
ONTRACK		10/30/2023	2.00	144.44	- check codes, run it, seemed to work for me
MHL		10/31/2023	0.00	598.91	Monthly equipment costs for October 2023
ONTRACK		11/14/2023	1.50	108.33	- heat & straighten pin ear, install retainer bolt, spacer & washer lock tight, rethread mount hole
INK10	13457CRS	11/20/2023	0.00	1,716.83	INK10 - Travel to site, diag/repair coolant alarms

Vendor	Invoice	Date	Hours	Cost	Description
MHL		11/30/2023	0.00	640.97	Monthly equipment costs for November 2023
MHL		12/31/2023	0.00	131.25	Monthly equipment costs for December 2023
ONTRACK		01/12/2024	3.50	252.77	- clean wire connections, change hydr temp sender, change leaking boom hose
ONTRACK		01/23/2024	5.00	361.10	- weld grab arm tip, install new piece of round stock & make new tip, find hydr leak, remove damaged fitting, take to town as a sample, take apart wire connections, replace relay for ecu & why offline
ONTRACK		01/24/2024	3.00	216.66	- install hydr fitting & hose, run up machine, look for leak, add oil to hydr
MHL		01/31/2024	0.00	820.02	Monthly equipment costs for January 2024
MHL		02/29/2024	0.00	131.25	Monthly equipment costs for February 2024
ONTRACK		03/21/2024	2.00	144.44	- remove guarding for washing
ONTRACK		03/26/2024	2.00	144.44	- install pans after washing
MHL		03/31/2024	0.00	504.02	Monthly equipment costs for March 2024
MHL		04/30/2024	0.00	333.04	Monthly equipment costs for April 2024
ONTRACK		05/03/2024	1.00	72.22	- have Kenworth check electrical problem with machine, no throttle / ecm problems (wire harness problem)
MHL		05/31/2024	0.00	2,327.84	Monthly equipment costs for May 2024
ONTRACK		06/18/2024	1.00	72.22	- meet with mechanic, go over safety & repairs needed
MCM		06/18/2024	12.00	1,680.00	Boost and get running, remove belting and guards, repair tree damage, diag exhaust issues and make parts list, replace eng datalink cable, diag eng com issues, fix bus connector
MCM		06/19/2024	9.00	1,260.00	Finish repairing damaged panels and mounts, replace damaged and worn hoses, install matting, extract broken bolts, run/test
MCM		06/24/2024	8.00	1,120.00	Pick up parts, install muffler/exhaust, run/test, throttle is dropping off and half the murphy display not reading, continue diag, probable break in wiring, install panels and adjust
MCM		06/27/2024	6.00	840.00	Study schematics for can bus system, scan codes, pin out all can bus lines, replace 3 way connectors, repair deficiencies at eng ecm plug, strap up wiring, run machine and test with no issues

Vendor	Invoice	Date	Hours	Cost	Description
MCM		06/28/2024	8.00	1,120.00	Remove guards, clean out debris and flammables, repair 6 cracks on head, 250hr service, install guards, found 2 more significant cracks at H link / head
MHL		06/30/2024	0.00	1,063.42	Monthly equipment costs for June 2024
MCM		07/02/2024	9.00	1,260.00	Repair numerous severe cracks on bunching head, continue diagnosing machine can-bus electrical issues
MCM		07/09/2024	6.00	840.00	Continue diagnosis of can-bus issues and repair, found issues somewhere in line between XT2 module and splitter behind console in cab, ran new wires
INK10	77603CRP	07/22/2024	0.00	1,120.64	INK10 - Exhaust tube - 26334B
INK10	77603CRP	07/22/2024	0.00	794.30	INK10 - Muffler - BH406
MHL		07/31/2024	0.00	626.45	Monthly equipment costs for July 2024
ONTRACK		08/07/2024	3.00	216.66	- check a/c, recharge & clean filters for intake
INK10	78772CRP	08/16/2024	0.00	3,338.83	INK10 - Iqan module - AG012
MHL		08/31/2024	0.00	654.90	Monthly equipment costs for August 2024
INK10	CM78772CRP	09/10/2024	0.00	-3,338.83	INK10 - Iqan module - AG012
MHL		09/30/2024	0.00	131.25	Monthly equipment costs for September 2024
MHL		10/31/2024	0.00	98.41	Monthly equipment costs for October 2024
MYCO		11/29/2024	0.50	23.18	Look for filters
ONTRACK		11/29/2024	0.35	25.28	- jump start & run
MHL		11/30/2024	0.00	98.44	Monthly equipment costs for November 2024
ONTRACK		12/11/2024	5.00	361.10	- change eng oil & fuel filters, change swing & planetary oil, clean off machine of wood debris, gather tools that were in water & take to shop
MYCO		12/12/2024	2.00	92.72	Clean up tools out of tote full of water
ONTRACK		12/19/2024	1.00	72.22	- start up, top up hydr oil
MHL		12/31/2024	0.00	610.47	Monthly equipment costs for December 2024
ONTRACK		01/07/2025	2.00	144.44	- change out bent track pad
MHL		01/31/2025	0.00	10.31	Monthly equipment costs for January 2025
MHL		02/28/2025	0.00	98.44	Monthly equipment costs for February 2025
MHL		03/31/2025	0.00	98.44	Monthly equipment costs for March 2025
MHL		04/30/2025	0.00	98.44	Monthly equipment costs for April 2025

Vendor	Invoice	Date	Hours	Cost	Description
MHL		05/31/2025	0.00	98.44	Monthly equipment costs for May 2025
MHL		06/30/2025	0.00	98.44	Monthly equipment costs for June 2025
MHL		07/31/2025	0.00	98.44	Monthly equipment costs for July 2025
MHL		08/31/2025	0.00	98.44	Monthly equipment costs for August 2025
MHL		09/30/2025	0.00	98.44	Monthly equipment costs for September 2025
MHL		10/31/2025	0.00	98.41	Monthly equipment costs for October 2025
MHL		12/31/2025	0.00	98.44	Monthly equipment costs for December 2025
MHL		01/31/2026	0.00	98.44	Monthly equipment costs for January 2026
MHL		02/28/2026	0.00	98.44	Monthly equipment costs for February 2026
MHL		03/31/2026	0.00	98.44	Monthly equipment costs for March 2026
MHL		04/30/2026	0.00	98.44	Monthly equipment costs for April 2026
MHL		05/31/2026	0.00	98.44	Monthly equipment costs for May 2026
MHL		06/30/2026	0.00	98.44	Monthly equipment costs for June 2026