

MIKE HAMILTON LOGGING LTD.
EQUIPMENT MAINTENANCE REPORT
LL6 - 1995 Komatsu 300HD-5 - S/N: 21470

Vendor	Invoice	Date	Hours	Cost	Description
MHL		12/31/2003	0.00	824.41	Monthly equipment costs for Dec 21/03 to Dec 31/03
ONTRACK		12/31/2003	8.50	0.00	Change front engine oil seal, change eng oil & filters
MYCO		01/05/2004	8.00	211.41	
MYCO		01/05/2004	4.00	93.96	Check for no charge, replace bat & alt
ONTRACK		01/06/2004	3.00	0.00	Remove alternator & check over system
MYCO		01/06/2004	4.00	93.96	
ONTRACK		01/08/2004	2.00	0.00	Install alternator
MYCO		01/09/2004	1.00	35.24	
LARRY		01/21/2004	2.50	0.00	Repair hand rail
MHL		01/31/2004	0.00	1,195.62	Monthly equipment costs for January 2004
ONTRACK		02/09/2004	3.50	0.00	Weld grapple leg
ONTRACK		02/12/2004	1.00	0.00	Change load locks
MYCO		02/16/2004	2.00	46.98	
ONTRACK		02/26/2004	1.00	0.00	Weld exhaust pipe for a/s
MHL		02/29/2004	0.00	801.39	Monthly equipment costs for February 2004
ONTRACK		03/02/2004	0.50	0.00	Burn hole for padlock for riser
ONTRACK		03/04/2004	2.00	0.00	Change eng oil & filter
ONTRACK		03/08/2004	2.00	0.00	Check seat problem with Granmer seat guy
ONTRACK		03/10/2004	2.00	0.00	Change grapple load locks, fix, rotate
LARRY		03/27/2004	3.00	0.00	Install seat, put ls track back on top rollers
ONTRACK		03/29/2004	1.00	0.00	fix seat install job
MHL		03/31/2004	0.00	1,810.38	Monthly equipment costs for March 2004
MYCO		04/05/2004	1.00	23.49	repair grapple open/close switch
MYCO		04/15/2004	5.00	90.00	service power washer cord w.carry
LARRY		04/15/2004	5.50	0.00	Press wash - service - check hyd oil transfer pump
MYCO		04/27/2004	2.00	64.60	
MYCO		04/27/2004	4.00	93.96	Check over grapple, change cyl
MYCO		04/29/2004	2.50	45.00	Helped Larry with grapple

Vendor	Invoice	Date	Hours	Cost	Description
LARRY		04/29/2004	2.50	0.00	Replace gr/cyl, washup cyl & return on pallet
ONTRACK		04/30/2004	8.00	0.00	Change starter & relay, fix wiring, drill hole in cab & move ant. wires
MHL		04/30/2004	0.00	1,298.65	Monthly equipment costs for April 2004
ONTRACK		05/12/2004	1.00	0.00	Check swing oil, check clunk sound in boom, inspect rotex bearing
MYCO		05/20/2004	4.00	93.96	Check for oil leaks, remove boom pipe & weld
LARRY		05/25/2004	1.50	0.00	Replace o-ring at swing motor
MHL		05/31/2004	0.00	1,958.13	Monthly equipment costs for May 2004
MHL		06/30/2004	0.00	255.08	Monthly equipment costs for June 2004
MYCO		07/06/2004	2.50	58.73	
MYCO		07/07/2004	5.00	117.45	
LARRY		07/07/2004	6.00	0.00	Wash down eng, check eng oil leak, repair f/pump mtng bracket, find & reinstall low idle adj cartridge, check wiring
MYCO		07/13/2004	1.00	35.24	
ONTRACK		07/14/2004	2.00	0.00	Check hyd leak, remove fuel line, check for plugs
MYCO		07/19/2004	1.50	52.85	
MYCO		07/20/2004	6.00	193.79	
ONTRACK		07/20/2004	1.00	0.00	Check on mechanic & lend wrench to short out injectors
MYCO		07/21/2004	1.00	35.24	
Terra		07/29/2004	0.00	9,975.00	Terratech - swing brng
MHL		07/31/2004	0.00	6,815.37	Monthly equipment costs for July 2004
Carma		08/26/2004	0.00	1,668.52	Carmac - Exch tyrb1 pc3
Carma		08/26/2004	0.00	1,284.32	Carmac - gasket kit
MYCO		08/30/2004	3.00	88.09	
ONTRACK		08/30/2004	3.50	0.00	Troubleshoot grapple & rotate problem
ONTRACK		08/31/2004	3.00	0.00	Change elec direction control valve for rotate on grapple
MHL		08/31/2004	0.00	14,891.07	Monthly equipment costs for Aug 2004
MYCO		09/27/2004	1.00	23.49	Weld chocker bell on grapple
MHL		09/30/2004	0.00	1,736.70	Monthly equipment costs for Sept 2004
MYCO		10/01/2004	6.00	158.56	

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		10/01/2004	5.00	129.20	Change grapple, check leaks
ONTRACK		10/01/2004	7.00	0.00	Change eng oil & hyd filters, repair oil leaks
MYCO		10/04/2004	5.00	129.20	Weld idlers
ONTRACK		10/13/2004	1.00	0.00	Repair grapple & change button
ONTRACK		10/19/2004	4.00	0.00	Change hoses & bolt high pressure canisters back on, unbolt cab, install oil transfer pump
MYCO		10/21/2004	5.00	129.20	REPAIR
ONTRACK		10/22/2004	5.00	0.00	Fix oil leak, add more bolts to cab mount, check boom clunk
MHL		10/31/2004	0.00	2,502.44	Monthly equipment costs for October 2004
MYCO		11/11/2004	1.00	35.24	Check oil leaks etc
ONTRACK		11/19/2004	7.00	0.00	Find stalling problem, set throttle linkage, change eng oil & filters, change fuel line from tank
MYCO		11/23/2004	2.00	46.98	
ONTRACK		11/23/2004	6.00	0.00	Find vibration, fan hub bearings failing, remove hub & order parts
ONTRACK		11/24/2004	7.00	0.00	Rebearing fan hub & idler pulley, install both
MYCO		11/24/2004	3.50	82.22	
MHL		11/30/2004	0.00	562.46	Monthly equipment costs for November 2004
MHL		12/31/2004	0.00	154.08	Monthly equipment costs for December 2004
MYCO		01/24/2005	2.00	64.60	
ONTRACK		01/24/2005	3.00	0.00	Change eng oil & filters, hyd filters, check heater water shut off valve
ONTRACK		01/27/2005	2.00	0.00	Fix wire to quad handle, check 2way radio, need antenna
ONTRACK		01/28/2005	1.50	0.00	Change micro switch
MHL		01/31/2005	0.00	515.02	Monthly equipment costs for January 2005
MYCO		02/17/2005	1.00	35.24	
MYCO		02/22/2005	7.50	193.79	
ONTRACK		02/22/2005	8.00	0.00	Fix hyd leak & re-oring valve, chng & tighten track pad bolts
MYCO		02/24/2005	1.00	23.49	
ONTRACK		02/25/2005	1.00	0.00	Change broken fitting
MHL		02/28/2005	0.00	554.44	Monthly equipment costs for February 2005

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		03/04/2005	1.00	18.00	Made up pipe
MYCO		03/08/2005	1.00	23.49	Repair grease gun
ONTRACK		03/11/2005	1.00	0.00	Change leaking hyd fitting on main pump
MYCO		03/17/2005	2.00	36.00	Made up plate & screen for Scott
MYCO		03/30/2005	7.00	182.05	
MYCO		03/31/2005	1.00	35.24	
MHL		03/31/2005	0.00	645.66	Monthly equipment costs for March 2005
Terra		03/31/2005	0.00	3,658.77	Terratech - pin
Alex		03/31/2005	0.00	1,912.40	Alex Ptbl Weld - repairs on boom & boom mount
Terra		03/31/2005	0.00	1,920.00	Terratech - motor assembly
MYCO		04/04/2005	2.00	46.98	
MYCO		04/08/2005	4.00	105.71	
ONTRACK		04/16/2005	3.00	0.00	Install fire ext bracket & change eng bolts, repair hyd leak
MYCO		04/19/2005	1.00	23.49	Belts
MYCO		04/20/2005	2.00	46.98	Repair door latch
MYCO		04/25/2005	3.50	99.83	
MHL		04/30/2005	0.00	1,449.31	Monthly equipment costs for April 2005
MYCO		05/03/2005	4.00	93.96	Repair cracked stick cyl
MYCO		05/04/2005	1.00	23.49	Chase parts
MYCO		05/27/2005	4.00	93.96	Remove stick cyl and send to Finning
MYCO		05/30/2005	4.00	93.96	Replace rebuilt stick cyl
MHL		05/31/2005	0.00	430.07	Monthly equipment costs for May 2005
MYCO		06/01/2005	2.00	46.98	Check stick cyl for noise
MYCO		06/02/2005	2.00	46.98	Inspect for squeaky pin
ONTRACK		06/10/2005	2.00	0.00	Fix oil leak, remove piping, change o-ring
LARRY		06/13/2005	2.00	0.00	Replace rod end stick cyl pin, repair greaselines
MYCO		07/21/2005	6.00	158.56	
MHL		07/31/2005	0.00	1,340.51	Monthly equipment costs for July 2005
MHL		08/31/2005	0.00	704.47	Monthly equipment costs for August 2005
Terra		09/07/2005	0.00	3,554.31	Terratech - exch recoil as
LARRY		09/14/2005	4.00	0.00	Undercarriage repairs, order parts & arrange p/u

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		09/16/2005	9.00	0.00	Cut track link out, press in new one, get track back onto machine, remove track adjuster, take to Terratech for exchange
LARRY		09/16/2005	8.50	0.00	Undercarriage repair, replace track link, track adj would not retract, remove idler & adj assembly for repair or replacement
LARRY		09/19/2005	6.00	0.00	Welding repairs to ls idler, install idler on recoil & adj assm & install in track frame, parts
ONTRACK		09/19/2005	2.00	0.00	Take parts to Larry, meet with Terratech support to get track adjuster but not there
MYCO		09/19/2005	9.50	240.77	
MYCO		09/20/2005	5.00	129.20	
LARRY		09/20/2005	6.00	0.00	Track adjuster, tracks, pads etc
MHL		09/30/2005	0.00	993.05	Monthly equipment costs for September 2005
LARRY		10/06/2005	1.00	0.00	Repair hand rails
ONTRACK		10/11/2005	1.00	0.00	Find hyd leak, repair
ONTRACK		10/11/2005	1.00	0.00	Find hyd leak, repair it
ONTRACK		10/14/2005	2.00	0.00	Change eng oil & filters
ONTRACK		10/14/2005	2.00	0.00	Change eng oil & filters
MYCO		10/14/2005	0.50	9.00	Repaired 1 32inch bar
MHL		10/31/2005	0.00	497.42	Monthly equipment costs for October 2005
MYCO		11/02/2005	2.50	45.00	Service saw, clutch shot, repaired
MYCO		11/03/2005	0.50	13.50	Repaired loggers tape
MYCO		11/07/2005	3.00	82.22	Powerwash track frame and rollers
MYCO		11/15/2005	1.00	23.49	Shovel track out
ONTRACK		11/15/2005	5.00	0.00	Find & remove grapple rotate valve
ONTRACK		11/17/2005	4.00	0.00	Install parker valve & try to diagnose why it blew the new valve
MYCO		11/21/2005	7.00	164.43	Check over, repair grapple, dismantle tracks
ONTRACK		11/21/2005	9.00	0.00	Find rotate problem, remove rotate motor, parker valve take apart - made one out of two, remove idler, change w/used one from G8
ONTRACK		11/22/2005	8.00	0.00	Finish installing LH track pin & adjust, split RH side had problems slacking the track, change idler
MYCO		11/22/2005	8.00	187.92	Repair and assemble tracks with new idler etc, check roller, replace and repair pads etc

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MYCO		11/23/2005	8.00	187.92	Repair grapple rotate motor etc
ONTRACK		11/23/2005	6.00	0.00	Install track & press pin, track would not adjust, had to split track & remove adjustor, send to North Island Chrome for repair
MYCO		11/24/2005	4.00	93.96	Install rotate motor in grapple, check over
MHL		11/30/2005	0.00	2,405.53	Monthly equipment costs for November 2005
NI Ch		11/30/2005	0.00	1,595.90	NI Chrome - track adjuster
MYCO		12/01/2005	9.00	223.16	Install track adjuster etc
MYCO		12/02/2005	4.00	93.96	Repair grapple rotate, flush hoses etc
ONTRACK		12/02/2005	3.00	0.00	Work on grapple rotate problem
ONTRACK		12/05/2005	1.00	0.00	Work on rotate
ONTRACK		12/08/2005	2.50	0.00	Install grapple rotate motor, put track back on top rollers
MYCO		12/08/2005	2.00	70.47	Rotate motor, tighten tracks
ONTRACK		12/12/2005	1.00	0.00	Change racor filters
ONTRACK		12/13/2005	6.00	0.00	Find hyd leaks, replace o-rings, remove piping off valve bank
MYCO		12/13/2005	1.00	35.24	Changed fuel filter
MYCO		12/14/2005	7.00	187.92	Fixed hyd leaks
ONTRACK		12/27/2005	4.00	0.00	Fix quad handle problems, one broken wire, the other missing lock screw, replaced, fixed grease lines & greased stick & boom
MHL		12/31/2005	0.00	1,357.07	Monthly equipment costs for December 2005
MYCO		01/04/2006	2.00	70.47	Change 2 filters
MYCO		01/06/2006	8.00	281.88	Repair and weld grapple tyne, check out leak
MYCO		01/09/2006	8.00	187.92	Drain & clean belly pan, remove & replace missing and loose pad bolts
MYCO		01/10/2006	6.50	170.30	
MYCO		01/11/2006	4.00	111.58	
MYCO		01/11/2006	8.00	187.92	Replace travel pad bolts, check oil leak, check transfer filter, transfer oil to hyd tank
MYCO		01/12/2006	6.00	140.94	Replace leaking boom pipe
MYCO		01/12/2006	2.00	64.60	
MYCO		01/17/2006	5.00	129.20	Repair track and put back on machine

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		01/18/2006	5.00	117.45	Repair track, find another broken link, wait to dismantle for parts
MYCO		01/18/2006	4.50	117.45	
ONTRACK		01/18/2006	2.00	0.00	Install oil transfer pump, install track adjustor fitting, order more links and pins
ONTRACK		01/19/2006	5.00	0.00	Install track links and pads
MYCO		01/19/2006	3.00	88.09	
MYCO		01/19/2006	5.00	117.45	Install new track link press pins etc, tension tracks
ONTRACK		01/24/2006	1.00	0.00	Get 3 hyd hoses made
Terra		01/26/2006	0.00	22,187.70	Terratech - tracks
MYCO		01/30/2006	1.50	52.85	Blown hose
MHL		01/31/2006	0.00	4,275.35	Monthly equipment costs for January 2006
MYCO		02/02/2006	6.00	140.94	Load up tracks, take out to machine, unload
ONTRACK		02/02/2006	4.00	0.00	Start on track change over, remove 1 track, walk new one on, remove sprocket, clean bolt holes w/tap
ONTRACK		02/03/2006	8.00	0.00	Change lower roller, weld side panels in, fab new rock guard pieces, weld one side in
MYCO		02/03/2006	8.00	187.92	Install tracks, sprockets wrong, repair rock guards, install roller
MYCO		02/06/2006	8.00	187.92	Repair track frame
ONTRACK		02/06/2006	2.00	0.00	Weld rock guard
ONTRACK		02/07/2006	4.00	0.00	Track job
MYCO		02/07/2006	4.50	105.71	Install tracks
Terra		02/07/2006	0.00	2,754.26	Terratech - sprocket
MYCO		02/08/2006	5.50	129.20	Install tracks
ONTRACK		02/08/2006	5.00	0.00	Straighten cab riser door, bring extra links for tracks, install track
ONTRACK		02/09/2006	3.00	0.00	Track install job
MYCO		02/09/2006	8.50	205.54	Install tracks
MYCO		02/10/2006	4.00	93.96	Install track pads, door etc
ONTRACK		02/15/2006	2.00	0.00	Remove log stuck in carrier roller
MYCO		02/17/2006	5.00	140.94	
MYCO		02/17/2006	4.00	93.96	Check wiring etc for no grapple open/close

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		02/27/2006	5.00	135.07	
ONTRACK		02/28/2006	0.50	0.00	- tighten hydr hose, measure railing
ONTRACK		02/28/2006	1.00	0.00	- tighten leaking hoses & measure railing repairs
MHL		02/28/2006	0.00	2,395.69	Monthly equipment costs for February 2006
ONTRACK		03/03/2006	5.50	0.00	- full service, install horn, check out wiring for beeper
ONTRACK		03/03/2006	6.00	0.00	- build new hand railing of side & install, cut & straighten travell guard, change oil & filters, work on travel alarm, install horn
MYCO		03/03/2006	5.00	135.07	
ONTRACK		03/07/2006	2.00	0.00	- change hyd filters, fix oil leak
MYCO		03/13/2006	4.00	111.58	
ONTRACK		03/13/2006	6.00	0.00	- fab & install travel hose guards, weld clamp bracket on boom, extract broken bolts from steel clamp, change load locks on grapple, fix oil leak on swivel
ADAMS		03/27/2006	2.00	0.00	Weld crack in stick
MHL		03/31/2006	0.00	-1,427.90	Monthly equipment costs for March 2006
ONTRACK		04/19/2006	2.00	0.00	- check throttle problem, check electrical wires, tape up wires & run it, seemed fine
MYCO		04/28/2006	4.50	123.32	
MHL		04/30/2006	0.00	1,434.32	Monthly equipment costs for April 2006
MYCO		05/16/2006	6.00	152.69	
ONTRACK		05/16/2006	8.50	0.00	- change eng oil, weld belly pan, fix striped bolt on pan, fix & change side railings, take grapple valve apart-check for debrie, weld cracks in grapple leg
MYCO		05/17/2006	1.50	35.24	
ONTRACK		05/17/2006	2.50	0.00	- check over grapple problem, sometimes won't open, repair air horn wire
ONTRACK		05/31/2006	2.50	0.00	- change quad handle
MHL		05/31/2006	0.00	450.11	Monthly equipment costs for May 2006
MYCO		06/14/2006	2.00	58.73	
MYCO		06/21/2006	2.00	64.60	
RCM		06/21/2006	5.00	0.00	Troubleshoot grapple problem

Vendor	Invoice	Date	Hours	Cost	Description
RCM		06/22/2006	7.00	0.00	Replace both grapple load locks, replace hose to center swivel, replace o-ring at pump hose, repair grapple cracks
MYCO		06/22/2006	7.00	164.43	Help repair loader
MYCO		06/27/2006	2.00	52.85	
ONTRACK		06/30/2006	9.00	0.00	- straighten belly pan, weld hinges on, straighten front door lock, repair oil leak, strip down grapple, take parts to Finning
MHL		06/30/2006	0.00	2,059.08	Monthly equipment costs for June 2006
ONTRACK		07/05/2006	4.00	0.00	- remove cyclinder
ONTRACK		07/05/2006	4.00	0.00	- remove main boom cyclinders
ONTRACK		07/07/2006	3.00	0.00	- remove hydr cylinder
ONTRACK		07/10/2006	9.50	0.00	- install both boom cycl, install guard, remove broken bolts, install grapple cycl, install hoses & guards
Repai		07/14/2006	0.00	5,624.49	Repair 2 grapple cys, swivel, 2 boom cys
MYCO		07/17/2006	1.50	52.85	Blown o-ring
MYCO		07/18/2006	3.00	82.22	
ONTRACK		07/19/2006	5.00	0.00	- repaired a/c, found wiring problem, service engine & hydr filters, repaired hydr oil leak at pump
MHL		07/31/2006	0.00	517.85	Monthly equipment costs for July 2006
ONTRACK		08/01/2006	1.00	0.00	- install pin retaining bolt
LARRY		08/24/2006	1.50	0.00	Check grapple for cracks
LARRY		08/29/2006	1.50	0.00	Check grapple controls, tried for a long time & grapple did not malfunction
MHL		08/31/2006	0.00	410.69	Monthly equipment costs for August 2006
ONTRACK		09/11/2006	9.00	0.00	- tighten track pads & repair grease fitting
ONTRACK		09/28/2006	4.00	0.00	- repair oil leak, weld hydr pipe, had to remove from boom, fix antenna
MHL		09/30/2006	0.00	151.38	Monthly equipment costs for September 2006
ONTRACK		10/02/2006	3.00	0.00	- move out of block to work on, order parts & pick up, check into stall problem
ONTRACK		10/02/2006	2.00	0.00	- check out fuel
ONTRACK		10/04/2006	7.50	0.00	- full service & repairs on broken battery cables, jump start batteries
ONTRACK		10/05/2006	1.50	0.00	- change battery relay & check batteries

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		10/06/2006	2.00	0.00	- install batteries & check out charging system, install grease fittings & hand rail cap
MYCO		10/10/2006	3.50	95.84	
ONTRACK		10/10/2006	3.50	0.00	- check over stall problem
ONTRACK		10/10/2006	2.50	0.00	- electrical problems
ONTRACK		10/11/2006	5.50	0.00	- electrical problems
ONTRACK		10/11/2006	3.00	0.00	- work on electrical problem with throttle
ONTRACK		10/12/2006	7.00	0.00	- electrical problems for grapple rotate
TER10	1495900	10/22/2006	0.00	981.50	TER10 - Troubleshoot erratic engine operation
MYCO		10/24/2006	2.00	59.90	
LARRY		10/24/2006	4.00	0.00	Repair handrail, replace g/cyl load locks, troubleshoot grapple close problem, check grapple for cracks
ONTRACK		10/31/2006	1.00	0.00	- found short in grapple, working again
MHL		10/31/2006	0.00	1,252.09	Monthly equipment costs for October 2006
MYCO		11/02/2006	0.25	5.38	Dropped off extinguisher
ONTRACK		11/06/2006	2.00	0.00	- fix wiring to handle
MHL		11/30/2006	0.00	236.49	Monthly equipment costs for November 2006
MYCO		12/02/2006	1.00	21.50	Clean up greasy hoses from old truck
MYCO		12/06/2006	1.00	21.50	Finish covering ends of spare hoses
ONTRACK		12/07/2006	4.00	0.00	- change oring
ONTRACK		12/09/2006	1.00	0.00	- check out heat problem
ONTRACK		12/10/2006	6.00	0.00	- change load locks on grapple, change belts
ONTRACK		12/13/2006	3.00	0.00	- weld cycl grapple
MYCO		12/13/2006	7.00	179.70	
ONTRACK		12/14/2006	4.00	0.00	- wiring, rebuild load locks
ONTRACK		12/15/2006	2.00	0.00	- make bolt for grapple pin
LARRY		12/18/2006	4.50	0.00	Check hyd leak, remove hose, p/u parts
LARRY		12/19/2006	3.00	0.00	Replace hyd hose, top up hyd tank
MHL		12/31/2006	0.00	1,172.18	Monthly equipment costs for December 2006
RCM		01/06/2007	3.00	0.00	Service (hrs 11292)
RCM		01/07/2007	2.00	0.00	Replace hand rail
MHL		01/31/2007	0.00	487.33	Monthly equipment costs for January 2007

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		02/01/2007	2.00	59.90	
LARRY		02/01/2007	3.00	0.00	Repair grapple c/joint, repair grapple pin
LARRY		02/05/2007	2.00	0.00	R&r hyd pipe on boom, repair clamp mount, repair b/cyl guard
MYCO		02/05/2007	1.50	47.92	Remove & weld pipe from back of the boom
MYCO		02/06/2007	1.00	35.94	Remove accumulator & reweld pipe on boom
LARRY		02/06/2007	3.00	0.00	Remove accumulator for repair, repair leaking hyd pipe
LARRY		02/07/2007	1.50	0.00	Check travel problem, check hyd tank filter & s/screen
MYCO		02/07/2007	2.00	59.90	Check out hyd sys, travel weak
MYCO		02/08/2007	9.00	227.62	Help Larry with the tracks & removing the final drive
LARRY		02/08/2007	7.50	0.00	Check rs travel and break track & remove final drive & mtr, position machine for work on l/track, take press etc to b/lake shop
LARRY		02/12/2007	1.00	0.00	Track repairs
TER10	1514430	02/12/2007	0.00	1,198.26	TER10 - Sprocket - 208-27-52380
COH10	103952	02/13/2007	0.00	751.83	COH10 - Repair accumulator
LARRY		02/14/2007	2.00	0.00	Remove pads etc on ls track
LARRY		02/15/2007	7.00	0.00	Install final drive assm, remove link & try to shorten track, no go
LARRY		02/19/2007	3.00	0.00	Weld mtg brk & install sprocket grd, hyd oil, check hyd leak, p/u parts
MYCO		02/19/2007	5.00	131.78	Weld guard on
MYCO		02/20/2007	6.00	155.74	Machine losing oil, trying to find leak
LARRY		02/20/2007	5.00	0.00	Check & repair hyd leak at travel mtr, wait for parts from CR
MHL		02/28/2007	0.00	1,681.19	Monthly equipment costs for February 2007
ONTRACK		03/01/2007	2.00	0.00	- install track pad
TER10	1518102	03/05/2007	0.00	722.98	TER10 - Muffler - 6222-11-5410
ONTRACK		03/06/2007	2.00	0.00	- muffler
MYCO		03/06/2007	2.00	47.92	Help Gary with repairs
HYD10	343461	03/07/2007	0.00	4,160.00	HYD10 - Repair travel motor
TER10	1518737	03/08/2007	0.00	2,695.54	TER10 - Install final drive & track, install accumulator

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		03/08/2007	4.50	0.00	- install muffler, change air cleaner, change track pad bolts & tighten others
TER10	1518929	03/09/2007	0.00	12,449.70	TER10 - Final drive - 208-27-00103
TER10	1518929	03/09/2007	0.00	751.60	TER10 - Shim assembly - 208-27-00110
TER10	1518929	03/09/2007	0.00	870.94	TER10 - Floating seal - 208-27-00140
TER10	1518929	03/09/2007	0.00	1,935.19	TER10 - Replace worn final drive hub
LARRY		03/12/2007	3.50	0.00	Check grapple rotate problems, measure hyd tubes for replacement, order & p/u parts
RCM		03/17/2007	1.00	0.00	Replaced 2 boom pipes
ONTRACK		03/20/2007	5.00	0.00	- hydr problems on grapple
MYCO		03/20/2007	1.50	47.92	
LARRY		03/20/2007	3.00	0.00	Welding repairs to grapple
LARRY		03/21/2007	6.50	0.00	Welding repairs to grapple leg, install leg, check batts etc, order parts
LARRY		03/22/2007	3.00	0.00	Change batts, repair cables, remove starter for repair
LARRY		03/23/2007	1.50	0.00	Install starter mtr
TER10	1521064	03/23/2007	0.00	810.63	TER10 - Exchange starter - R600-813-6412
TER10	1521064	03/23/2007	0.00	911.30	TER10 - Core (starter) - C600-813-6412
ONTRACK		03/30/2007	1.00	0.00	- re & re grapple valve
MHL		03/31/2007	0.00	2,242.95	Monthly equipment costs for March 2007
ONTRACK		04/02/2007	2.00	0.00	- remove window
LARRY		04/02/2007	2.50	0.00	Remove broken fr glass, remove wipers & unhinge fr grd
MYCO		04/02/2007	0.50	10.75	Pick up window
MYCO		04/05/2007	0.25	5.38	Pick up window (again)
LARRY		04/05/2007	2.00	0.00	Check grapple open/close controls
ONTRACK		04/13/2007	3.00	0.00	- install window
LARRY		04/13/2007	3.00	0.00	Untarp & prepare to install fr/window, called away, retarped
LARRY		04/16/2007	6.00	0.00	Lower cab, unhinge fr/grd, install fr glass, check grapple open/close circuit (cannot make problem occur)
ONTRACK		04/16/2007	6.00	0.00	- install window, check out grapple
RCM		04/17/2007	6.00	0.00	Retorque all track pads

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		04/18/2007	4.00	0.00	- check grapple, order solenoid pack
LARRY		04/19/2007	2.00	0.00	Welding repairs to hyd pipe on boom
MYCO		04/19/2007	1.00	35.94	
MYCO		04/20/2007	2.00	53.91	
LARRY		04/20/2007	2.50	0.00	Remove accumulator & bypass, replace grapple o/c pilot control
RCM		04/23/2007	4.00	0.00	Repair grapple wiring, pressure test grapple pilot circuit
ONTRACK		04/23/2007	4.00	0.00	- work on grapple open/close problem, fix electrical at quad
ONTRACK		04/24/2007	6.00	0.00	- grapple rotate motor blown, remove & take to town, get one from shop
MYCO		04/24/2007	2.50	71.88	
MYCO		04/25/2007	6.00	155.74	
ONTRACK		04/25/2007	5.00	0.00	- install rotate motor, set relief cartridge & grapple close, fix leaky orings, leave guages hooked up
MHL		04/30/2007	0.00	1,061.53	Monthly equipment costs for April 2007
ONTRACK		05/10/2007	9.00	0.00	- build air system for air horn
ADAMS		05/10/2007	2.50	0.00	Watercan bracket
MYCO		05/11/2007	1.00	29.95	
LARRY		05/11/2007	1.50	0.00	hyd leak at R/R drive motor - order parts
LARRY		05/14/2007	2.00	0.00	replace c/balance valve on L.S. track mtr - install grding, p/u parts
ADAMS		05/14/2007	3.00	0.00	Watercan bracket
ADAMS		05/15/2007	3.50	0.00	Horn guard
MYCO		05/23/2007	0.50	17.97	Picked up fittings for Scott
ONTRACK		05/24/2007	2.00	0.00	- work on leaks & mount fire equipment
ONTRACK		05/25/2007	2.00	0.00	- remove hydr pipe, take to town, need end machined & welded
MYCO		05/25/2007	2.00	53.91	
ONTRACK		05/26/2007	2.00	0.00	- take pipe to hydr shop, get end fixed
MYCO		05/26/2007	0.25	8.99	Picked up pipe fr CV Hydr for Scott Picked up pipe fr CV Hydr for Scott
ONTRACK		05/28/2007	4.00	0.00	- install hydr pipe, weld piss can bracket on, degrease, get fire pump running

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		05/28/2007	3.00	83.86	
MYCO		05/29/2007	3.00	83.86	
MYCO		05/29/2007	3.00	107.82	
ONTRACK		05/29/2007	4.00	0.00	- change hdry hose, drop belly pan, clean out & install again, blow out rad
MHL		05/31/2007	0.00	2,265.57	Monthly equipment costs for May 2007
ONTRACK		06/07/2007	3.00	0.00	- weld cracks in grapple
MYCO		06/14/2007	4.50	107.82	
ONTRACK		06/14/2007	5.00	0.00	- welding on grapple
ONTRACK		06/27/2007	1.00	0.00	- change grapple cyl that was leaking, take the other to Finning
MHL		06/30/2007	0.00	771.02	Monthly equipment costs for June 2007
MYCO		07/10/2007	4.00	107.82	Repair leaks
ONTRACK		07/10/2007	4.00	0.00	- blow out rad, fix hydr leak, remove 3 pipes from valve bank & reoring
MYCO		07/11/2007	2.50	71.88	Fuel problems & overheating
FIN10	SINV2439723	07/13/2007	0.00	876.32	FIN10 - Repair grapple cyl
ADAMS		07/23/2007	3.00	0.00	Welding on grapple
ADAMS		07/24/2007	4.00	0.00	Welding on grapple
MYCO		07/24/2007	1.00	23.96	Powerwash grapple out
ADAMS		07/27/2007	5.00	0.00	Welding
ADAMS		07/28/2007	4.00	0.00	Welding
ADAMS		07/30/2007	8.00	0.00	Weld on grapple
FIN10	SINV2454217	07/30/2007	0.00	2,245.40	FIN10 - Repair stick cyl
MHL		07/31/2007	0.00	147.28	Monthly equipment costs for July 2007
PCM10	18219	08/16/2007	0.00	1,960.00	PCM10 - Buildup and bore boomfoot to fit pin/bushings
PCM10	18219	08/16/2007	0.00	1,195.00	PCM10 - Buildup and bore stick cyl lugs for fit on pins
PCM10	18219	08/16/2007	0.00	1,860.00	PCM10 - Buildup and bore boom/stick connection to fit
PCM10	18219	08/16/2007	0.00	396.05	PCM10 - Gouge and weld cracks
PCM10	18219	08/16/2007	0.00	67.50	PCM10 - Modify bushings

Vendor	Invoice	Date	Hours	Cost	Description
PCM10	18219	08/16/2007	0.00	1,102.50	PCM10 - Check boom lift cyl pin, buildup & bore ears
PCM10	18219	08/16/2007	0.00	3,195.96	PCM10 - Repairs to grapple head
PCM10	18219	08/16/2007	0.00	42.50	PCM10 - Shorten pin
WAJ10	C92458	08/20/2007	0.00	756.00	WAJ10 - Compressor - HI FFSB103451
MYCO		08/28/2007	1.00	23.96	Replace boom swing hose
TER10	1548294	08/29/2007	0.00	4,626.54	TER10 - Repairs to stick pins & bushings & line bore boom
TER10	1548294	08/29/2007	0.00	3,404.12	TER10 - Repair grapple tine pins & bushings & line bore
TER10	1548294	08/29/2007	0.00	191.36	TER10 - Repair lh travel motor leak
TER10	1548294	08/29/2007	0.00	2,802.84	TER10 - Replace stick cyl pins & bushings & line bore mnts
TER10	1548294	08/29/2007	0.00	2,607.87	TER10 - Replace boom cyl rod end pin & bushing & line bore
TER10	1548294	08/29/2007	0.00	596.06	TER10 - Repair oil leaks on valve bank
TER10	1548294	08/29/2007	0.00	3,971.82	TER10 - Repair eng overheating, recore rad, thermostat
TER10	1548294	08/29/2007	0.00	945.31	TER10 - Repair a/c, locate leak, change hose & drier
TER10	1548294	08/29/2007	0.00	126.09	TER10 - Repair door handle
TER10	1548294	08/29/2007	0.00	718.51	TER10 - Repair exhaust stack, reinforce, weld
TER10	1548294	08/29/2007	0.00	1,091.29	TER10 - Replace missing track pad bolts
TER10	1548294	08/29/2007	0.00	504.36	TER10 - Repair grapple leaks
TER10	1548294	08/29/2007	0.00	756.54	TER10 - Repair grapple hesitation, hyd tune-up
TER10	1548294	08/29/2007	0.00	1,526.48	TER10 - Install air horn
TER10	1548294	08/29/2007	0.00	384.06	TER10 - Repair coolant leak
TER10	1548294	08/29/2007	0.00	5,573.54	TER10 - Replace boom foot pin & bushing & line bore
TER10	1548294	08/29/2007	0.00	785.91	TER10 - Repair windshield wiper
MHL		08/31/2007	0.00	491.19	Monthly equipment costs for August 2007
FIN10	SINV2485986	09/05/2007	0.00	1,285.45	FIN10 - Repair grapple cyl
MYCO		09/26/2007	2.50	59.90	Service
ONTRACK		09/26/2007	3.00	0.00	- 500 hr service
ONTRACK		09/27/2007	0.50	0.00	- repair fitting & pipe

Vendor	Invoice	Date	Hours	Cost	Description
MHL		09/30/2007	0.00	379.00	Monthly equipment costs for September 2007
ONTRACK		10/10/2007	3.00	0.00	- replace air tank pump, repairs to air pump wiring
MYCO		10/27/2007	1.50	35.94	Make up hand rails out of piping
MHL		10/31/2007	0.00	108.63	Monthly equipment costs for October 2007
ONTRACK		11/13/2007	1.00	0.00	- check out fuel filler cap, replace 5 grease fitting on boom
ONTRACK		11/22/2007	3.00	0.00	- replace hand railing on stairs, check charging system, order altn
ONTRACK		11/23/2007	4.50	0.00	- remove alt, take to town to Penners, not repairable, ordered one
ONTRACK		11/24/2007	2.00	0.00	- installed altn
JDM		11/24/2007	4.00	48.00	Weld cracks on grapple
ONTRACK		11/26/2007	1.50	0.00	- check out eng charging sys, check out alt
MHL		11/30/2007	0.00	710.59	Monthly equipment costs for November 2007
NIG10	34980	12/06/2007	0.00	1,635.38	NIG10 - Supply & install 3 windows
MYCO		12/14/2007	5.00	122.20	Blown hose, go to CR for hose & oil
JDM		12/14/2007	3.50	42.00	Change main supply hose for hyds
ONTRACK		12/19/2007	2.00	0.00	- patch up door latch to get through the day, order latch & pick up
ONTRACK		12/20/2007	2.50	0.00	- replace cab door latch & striker plate, tighten door hinges
MHL		12/31/2007	0.00	1,288.57	Monthly equipment costs for December 2007
ONTRACK		01/11/2008	2.00	0.00	- find hydr leak & repair
ONTRACK		01/15/2008	1.00	0.00	- remove rock from planetary housing
MYCO		01/17/2008	2.00	48.88	Make new rails for steps to cab
ONTRACK		01/22/2008	3.00	0.00	- check grapple problem, change one load lock, and changed star railings
MYCO		01/24/2008	5.00	122.20	Change travel hoses
ONTRACK		01/24/2008	3.00	0.00	- check out travel motor, hydr oil leak, remove LH travel hydr hose
ONTRACK		01/25/2008	6.00	0.00	- replace 4 travel hydr hoses, repair hydr leak on L4 travel motor
MYCO		01/25/2008	7.00	171.08	Change travel hoses
MHL		01/31/2008	0.00	1,087.34	Monthly equipment costs for January 2008
MHL		02/29/2008	0.00	132.27	Monthly equipment costs for February 2008

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		03/04/2008	2.00	0.00	- fix heater
ONTRACK		03/06/2008	0.50	0.00	- pick up parts
ONTRACK		03/06/2008	1.00	0.00	- go out ot block first thing in morning to get loader started, fuel bleed back
ONTRACK		03/12/2008	0.25	0.00	- pick up parts
ONTRACK		03/13/2008	3.00	0.00	- 500 hr service, replace both air filters
ONTRACK		03/20/2008	0.50	0.00	- check wiring for radio
MHL		03/31/2008	0.00	976.02	Monthly equipment costs for March 2008
MHL		04/30/2008	0.00	104.16	Monthly equipment costs for April 2008
ONTRACK		05/27/2008	0.50	0.00	- check out grapple open/closing micro switch
ONTRACK		05/29/2008	2.00	0.00	- remove stick cycl hose & order new one, then weld up elbow end
MHL		05/31/2008	0.00	303.76	Monthly equipment costs for May 2008
MYCO		06/06/2008	1.00	24.44	Microswitches
ONTRACK		06/06/2008	2.00	0.00	- replace micro switch in handle
MYCO		06/12/2008	1.00	24.44	Make 2 ladder rails
ONTRACK		06/16/2008	0.50	0.00	- cut steel, gather air line for log truck
MYCO		06/17/2008	5.00	125.85	Hard to start, leaking fuel from injector pump
ONTRACK		06/17/2008	4.50	0.00	- check out fuel leak, remove eng injector pump
ONTRACK		06/18/2008	8.00	0.00	- repalce eng air filters, repalce racor filter, clean out racor bowl, make up & weld LH track rock guard section
ONTRACK		06/19/2008	3.50	0.00	- weld up LH outter track rock guards
ONTRACK		06/20/2008	1.50	0.00	- weld up LH rock guard plate & supports
ONTRACK		06/23/2008	4.50	0.00	- 250 hr service, weld repair to RH track frame, chagne 3 work lites, blow out rad, change valve cover seal
ONTRACK		06/24/2008	1.00	0.00	- make up battery holder frame
DIE10	13858	06/25/2008	0.00	1,973.98	DIE10 - Overhaul engine injector pump
ONTRACK		06/26/2008	3.00	0.00	- make up battery hold down, lid make up battery cable, clean out battery compartment
ONTRACK		06/27/2008	3.50	0.00	- replace eng injector pumppt (rebuilt) check out back up horn
MHL		06/30/2008	0.00	557.70	Monthly equipment costs for June 2008
MHL		07/31/2008	0.00	82.50	Monthly equipment costs for July 2008

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		08/25/2008	2.00	0.00	- replace grapple rotation micro switch, repair riser side door
ONTRACK		08/26/2008	2.00	0.00	- check out track speed control, it shifts on it own
ONTRACK		08/27/2008	2.00	0.00	- talk to AI about travel problem, jumping into high rand, test speed solenoid
ONTRACK		08/29/2008	3.00	0.00	- repair 2 grease fitting on stick cycl, replace rear stick cycl hydr hose, repair main lift cycl guard, check out & repair travel hi & low
MHL		08/31/2008	0.00	389.12	Monthly equipment costs for August 2008
ONTRACK		09/03/2008	2.50	0.00	- weld up stick cycl hydr pipe
ONTRACK		09/05/2008	2.50	0.00	- check out travel
TER10	SSI/70004738	09/29/2008	0.00	1,467.23	TER10 - Diagnose for low travel power
MHL		09/30/2008	0.00	82.50	Monthly equipment costs for September 2008
JDM		10/07/2008	1.00	18.00	pulled belly pan and travel motor covers
ONTRACK		10/07/2008	3.00	0.00	- remove travel collector, service final drives
JDM		10/08/2008	10.00	198.00	pulled centre swivel re-sealed & re-installed, serv final drive oils & drained swing box, connected speed hoses to travel motors,put belly pay & covers on
ONTRACK		10/08/2008	8.00	0.00	- reseal trvl collector, change trvl hose oring, replace hydr filter, put hose wrap on hose at base of boom, change grapple cycl, change 2 final drive oil
JDM		10/09/2008	7.00	144.00	filled swing box, changed grapple cylinder, cleaned air horn, checked grapple rotate relief valve, found broken pressure control valve for rotate
ONTRACK		10/09/2008	4.00	0.00	- replace grapple cycl, check out & repair grapple rotation, change swing gear box oil, repair horn, clean up around
MHL		10/31/2008	0.00	211.40	Monthly equipment costs for October 2008
NIC10	571086	11/08/2008	0.00	176.55	NIC10 - ss-100
ONTRACK		11/17/2008	1.00	0.00	- check & repair dash alarm lite, check out eng gear box noise
ONTRACK		11/17/2008	0.30	0.00	- pick up parts
ONTRACK		11/18/2008	1.50	0.00	- repair work lites & wiring, repair camp radio wiring
ONTRACK		11/24/2008	1.00	0.00	- make up speaker mounting brackets
ONTRACK		11/27/2008	2.00	0.00	- replace stereo & speakers

Vendor	Invoice	Date	Hours	Cost	Description
MHL		11/30/2008	0.00	194.87	Monthly equipment costs for November 2008
ONTRACK		12/01/2008	2.50	0.00	- 500 hr service, change hydr filter
FIN10	SINV2912320	12/06/2008	0.00	1,018.38	FIN10 - Repair grapple cyl
MHL		12/31/2008	0.00	82.50	Monthly equipment costs for December 2008
ONTRACK		01/06/2009	1.00	0.00	- repair wire on cab life
ONTRACK		01/12/2009	2.00	0.00	- go to Cumberland, bolt down riser cab
ONTRACK		01/21/2009	2.00	0.00	- fix track adj, get track tighter
ONTRACK		01/22/2009	2.50	0.00	- go to Bevan & fix grapple wiring problem
MYCO		01/22/2009	1.00	25.17	Broken wire in rizer
MHL		01/31/2009	0.00	376.99	Monthly equipment costs for January 2009
MYCO		02/05/2009	0.50	12.59	Blown grapple hose
ONTRACK		02/05/2009	1.00	0.00	- find eng noise at idle (loose guard at exhaust), check swing box leak
MYCO		02/25/2009	2.00	50.34	Engine stalling
ONTRACK		02/25/2009	2.00	0.00	- change fuel filters, check fuel flow to racor
MHL		02/28/2009	0.00	165.00	Monthly equipment costs for February 2009
ONTRACK		03/06/2009	7.50	0.00	- fix quad handle, replace both halves, replace micro switches, change wire that goes through handle, service eng & hydr, weld steel pipe on stick, order clamps for pipes on stick
MYCO		03/06/2009	5.00	125.85	
ONTRACK		03/09/2009	0.50	0.00	- phone on swing box prices (reseal or buy)
TER10	PSI/70043056	03/13/2009	0.00	5,500.00	TER10 - Swing machinery - 207-26-00100
ONTRACK		03/17/2009	3.00	0.00	- fix front cab lites, change shorted bulb & replace fuse, check circuit
ONTRACK		03/20/2009	8.00	0.00	- change swing box, load up buckets-oil-bolts, make chain to lift with
MYCO		03/20/2009	6.00	151.02	
ONTRACK		03/21/2009	3.00	0.00	- grease inner bearing, top up w/oil, install track pad & tighten bolts, weld hook on cab, get cab to rise & lower on lowbed
MHL		03/31/2009	0.00	352.15	Monthly equipment costs for March 2009

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		04/09/2009	2.50	0.00	- weld up hydr pipe on RH lift cycl bottom, repair lift cycl guard bolt, blow out rad, remove ext fan & order new one
ONTRACK		04/17/2009	4.50	0.00	- find hydr leak, remove hose & take to town to have new one made, return & install hose
ONTRACK		04/21/2009	6.00	0.00	- 500 hr service, change air & hydr filters, clean racor housing, replace ext cab fab & swithc, weld up LH bottom lift cycl pipe, replace hydr pipe hold down clamp, weld crack on back of stick boss
ONTRACK		04/22/2009	1.50	0.00	- replace grapple leg hydr cycl ram
ONTRACK		04/22/2009	1.00	0.00	- install grapple cycl
ONTRACK		04/23/2009	0.50	0.00	- drop off grapple cycl
MHL		04/30/2009	0.00	595.79	Monthly equipment costs for April 2009
ONTRACK		05/04/2009	1.00	0.00	- unlock cab door, add hydr oil
ONTRACK		05/05/2009	2.00	0.00	- repair grapple rotation motor bolt & oil leak
MYCO		05/05/2009	1.50	37.76	Rotation motor
ONTRACK		05/07/2009	3.00	0.00	- check out trabel hydr oil leak, repair hydr leak on grapple rotate
ONTRACK		05/08/2009	1.50	0.00	- unbolt belly pans for washing
ONTRACK		05/12/2009	1.50	0.00	- check out travel hydr leak, bolt up belly pan, replace 4 pad bolts
ONTRACK		05/14/2009	1.50	0.00	- replace grapple rotation motor relief valves (take one off LL13 grapple)
ONTRACK		05/14/2009	2.00	0.00	- find hydr leak, change orings
MHL		05/31/2009	0.00	451.48	Monthly equipment costs for May 2009
MYCO		06/01/2009	1.50	37.76	O-ring on big hose under swing pump
MHL		06/30/2009	0.00	82.50	Monthly equipment costs for June 2009
MYCO		07/08/2009	1.00	25.67	Change micro switch to grapple open
MYCO		07/17/2009	2.00	57.76	Service, blow out rads
MHL		07/31/2009	0.00	271.14	Monthly equipment costs for July 2009
MYCO		08/18/2009	2.00	51.34	Hose and o-ring problems
MHL		08/31/2009	0.00	311.18	Monthly equipment costs for August 2009
ONTRACK		09/23/2009	3.00	0.00	- blow out rad, check for over heating, fans belts, & water pumps, repair & change cab hold down bolts, clean out riser, check out escape window guards
ONTRACK		09/23/2009	0.25	0.00	- pick up parts

Vendor	Invoice	Date	Hours	Cost	Description
TER10	PSI/7005710 7	09/24/2009	0.00	519.12	TER10 - Exch water pump - KO R6221-61-1102
TER10	PSI/7005748 8	09/29/2009	0.00	519.12	TER10 - Exch water pump - KO R6221-61-1102
ONTRACK		09/29/2009	0.25	0.00	- pick up parts
ONTRACK		09/30/2009	3.00	0.00	- replace water pump & thermostat, repalce fan, water pump & a/c belts
MHL		09/30/2009	0.00	912.11	Monthly equipment costs for September 2009
JDM		10/02/2009	4.00	73.44	Tighten track pads
MYCO		10/21/2009	2.50	64.18	Blown hoses
JDM		10/28/2009	6.00	119.34	Pressure wash
MHL		10/31/2009	0.00	336.23	Monthly equipment costs for October 2009
MYCO		12/01/2009	1.00	25.67	Threw a track
MYCO		12/02/2009	2.00	51.34	Put track back on, tighten
MYCO		12/03/2009	4.50	115.52	Weld steel pipe on boom
MYCO		12/15/2009	2.00	51.34	Find hyd leak
MYCO		12/18/2009	1.00	25.67	Weld steel pipe
MYCO		12/21/2009	1.00	25.67	Weld steel pipe, first weld didn't work
MHL		12/31/2009	0.00	626.88	Monthly equipment costs for December 2009
MYCO		01/07/2010	3.50	89.85	Grapple hoses and hose on main pump, had to run to town
JDM		01/08/2010	4.00	110.16	Put broken boom cyl pin back in and get machine to the road
JDM		01/11/2010	6.00	119.34	Service, pull beam cyl pin, measure hoses, pick up parts
ONTRACK		01/11/2010	1.00	0.00	- repalce hydr tank vent assem, check out main lift top pin bores
ONTRACK		01/11/2010	0.20	0.00	- pick up & order parts
ONTRACK		01/26/2010	4.50	0.00	- replace main lift cycl top pin, replace top pin sela on LH lift cycl, repair main pin lock coller, replace 2 stick cycl hose & oring, replace water & air filters, repair LH top main lift cycl
YOR10	51985	01/27/2010	0.00	952.30	YOR10 - Mfg boom pin
ONTRACK		01/28/2010	0.50	0.00	- replace grapple rotation hose
ONTRACK		01/29/2010	1.00	0.00	- replace 6 pad bolts

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		01/29/2010	0.20	0.00	- pick up parts
MHL		01/31/2010	0.00	1,384.45	Monthly equipment costs for January 2010
MYCO		02/09/2010	2.00	51.34	Fix hyd leak
MYCO		02/16/2010	0.50	12.84	Tighten water pump belt
MYCO		02/17/2010	0.50	12.84	Blown hose
JDM		02/18/2010	3.00	55.08	Split tracks apart, pull track adjuster out and separate
JDM		02/19/2010	6.00	146.88	Clean track adjuster, install new seals, install idler, start putting track together
MHL		02/28/2010	0.00	1,271.95	Monthly equipment costs for February 2010
MHL		03/31/2010	0.00	612.28	Monthly equipment costs for March 2010
MYCO		04/20/2010	7.00	179.69	help mechanic
ONTRACK		04/20/2010	4.00	0.00	- swing problem, checking into problem with solenoid, check over wiring
ONTRACK		04/22/2010	4.50	0.00	- bypass swing brake, get throttle to work
TER10	PSI/70088516	04/24/2010	0.00	963.53	TER10 - valve
FIN10	PCRD1307619	04/26/2010	0.00	-269.03	FIN10 - bearing slev
MHL		04/30/2010	0.00	289.39	Monthly equipment costs for April 2010
JDM		05/13/2010	4.00	90.00	service
MHL		05/31/2010	0.00	243.01	Monthly equipment costs for May 2010
MYCO		06/01/2010	3.00	77.01	Change rotation, find short in wiring, track pad, short in heater fan
COH10	125108	06/02/2010	0.00	918.43	COH10 - Grapple motor - RE1839160F
MYCO		06/09/2010	2.00	51.34	Replace rotation, grapple broke
ONTRACK		06/14/2010	3.00	0.00	- put repaired grapple leg on w/new pin, weld up cracks on other grapple leg, repair LH side hand rails
B&L10	2139	06/14/2010	0.00	2,599.30	B&L10 - Repair spare grapple arm
MYCO		06/15/2010	1.00	25.67	Change hose on top of boom
ONTRACK		06/18/2010	0.25	0.00	- pick up parts
ONTRACK		06/23/2010	0.50	0.00	- pick up parts
MYCO		06/23/2010	1.00	25.67	Broke steel pipe on stick
MYCO		06/24/2010	3.00	77.01	Replace pipe, weld tabs on stick guard

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		06/24/2010	3.50	0.00	- replace stick cycl steel hydr tube, straighten & weld up stick cycl guard
ONTRACK		06/25/2010	1.00	0.00	- replace LH quad micro switch
MYCO		06/25/2010	1.00	25.67	Wiring problem
MHL		06/30/2010	0.00	922.94	Monthly equipment costs for June 2010
MYCO		07/05/2010	0.50	12.84	Blown hose
MYCO		07/06/2010	1.00	25.67	Rotate motor packed it in
MYCO		07/09/2010	2.00	51.34	Service and fix some things
COH10	126105	07/28/2010	0.00	807.69	COH10 - Grapple motor - RE1839160F
MHL		07/31/2010	0.00	532.66	Monthly equipment costs for July 2010
JDM		08/20/2010	1.00	20.00	Change swing brake valve
MHL		08/31/2010	0.00	254.22	Monthly equipment costs for August 2010
MYCO		09/22/2010	1.00	25.67	Oil leak
MHL		09/30/2010	0.00	269.44	Monthly equipment costs for September 2010
MYCO		10/07/2010	1.00	25.67	Problem with rotation
ONTRACK		10/07/2010	2.00	0.00	- check out grapple rotation wiring & head, repair a/c heater wiring & battery
ONTRACK		10/07/2010	0.10	0.00	- pick up parts
ONTRACK		10/12/2010	1.00	0.00	- replace grapple rotation restricter valve
ONTRACK		10/12/2010	0.25	0.00	- make up 50/50 water in 4ltr jug
ONTRACK		10/13/2010	3.00	0.00	- 250 hr service, check out coolant leak
MYCO		10/13/2010	1.50	38.51	250 hour service
JDM		10/30/2010	2.00	60.00	Speed sensor, throttle shaft seal, set throttle control, oil leak
MHL		10/31/2010	0.00	597.45	Monthly equipment costs for October 2010
MYCO		11/11/2010	1.50	38.51	Track off idler
JDM		11/11/2010	2.00	40.00	Try to get track on
JDM		11/12/2010	7.00	140.00	Put track on, turn adjuster, fix oil leaks
MYCO		11/12/2010	1.00	25.67	Help put track on
JDM		11/22/2010	3.00	60.00	Fix rock guard, check oil lights, check light wiring
MYCO		11/22/2010	2.00	51.34	Fix guard
JDM		11/23/2010	1.00	20.00	Check hyd filter
JDM		11/27/2010	2.00	60.00	Fix lights

Vendor	Invoice	Date	Hours	Cost	Description
MHL		11/30/2010	0.00	164.90	Monthly equipment costs for November 2010
MYCO		12/06/2010	1.00	25.67	Blown grapple hose
MYCO		12/07/2010	1.00	25.67	Blown hose under riser
MYCO		12/15/2010	1.00	25.67	Check oil leak around hyd pump
DIE10	15899	12/24/2010	0.00	880.00	DIE10 - Recondition denso pump
ONTRACK		12/29/2010	6.00	0.00	- install fuel injection pump, run up
JDM		12/30/2010	3.00	60.00	Install new fuel pump
MHL		12/31/2010	0.00	1,860.11	Monthly equipment costs for December 2010
TER10	PSI/70141709	01/24/2011	0.00	243.48	TER10 - Sensor - KO 7861-92-2310
JDM		01/28/2011	2.00	44.00	Tighten pad bolts, look for oil leak
JDM		01/29/2011	8.00	264.00	Tighten track pads, fix oil leak
JDM		01/30/2011	3.00	66.00	Make new guard for carbody, change speed sensor
MHL		01/31/2011	0.00	400.07	Monthly equipment costs for January 2011
JDM		02/01/2011	9.00	209.00	Tighten track pads, fix oil leaks, straighten railing
JDM		02/16/2011	2.00	55.00	Put track on
ONTRACK		02/28/2011	2.00	0.00	- hike out into block, found leaky injector line, order parts
MHL		02/28/2011	0.00	516.26	Monthly equipment costs for February 2011
MYCO		03/01/2011	8.00	205.36	500hr service, engine hood shocks, rebuild grapple tips
ONTRACK		03/03/2011	2.00	0.00	- change injector line
ONTRACK		03/07/2011	0.50	0.00	- check out track pin (broken)
ONTRACK		03/07/2011	2.50	0.00	- replace LH track link & pins
ONTRACK		03/07/2011	0.25	0.00	- parts
ONTRACK		03/08/2011	3.00	0.00	- repalce LH track pin & L2 pad bolt, adj track
MYCO		03/09/2011	2.00	51.34	
MYCO		03/10/2011	4.00	102.68	
ONTRACK		03/10/2011	4.00	0.00	- hike out into block about 6 times to get hydr hose to fit
FIN10	SINV3605081	03/16/2011	0.00	2,279.00	FIN10 - Repair grapple cyl
ONTRACK		03/17/2011	0.30	0.00	- parts

Vendor	Invoice	Date	Hours	Cost	Description
JDM		03/18/2011	1.00	33.00	Tighten track pad bolts
ONTRACK		03/25/2011	0.50	0.00	- check out rotex crack
ONTRACK		03/30/2011	1.00	0.00	- repair work lites
ONTRACK		03/30/2011	0.25	0.00	- parts
MHL		03/31/2011	0.00	1,519.63	Monthly equipment costs for March 2011
JDM		04/07/2011	3.00	66.00	Overheating problem, grapple leak
MYCO		04/07/2011	2.50	64.18	
MYCO		04/11/2011	3.00	77.01	
ONTRACK		04/11/2011	2.00	0.00	- check out eng, change eng oil, check out grapple cycl
ONTRACK		04/12/2011	0.20	0.00	- parts
ONTRACK		04/12/2011	2.00	0.00	- check out hydr pump gear box, change grapple hydr cycl
ONTRACK		04/14/2011	0.25	0.00	- parts
ONTRACK		04/15/2011	0.35	0.00	- parts
ONTRACK		04/15/2011	2.00	0.00	- change eng oil, change & repair grapple collector mounting bolts & hole
MYCO		04/15/2011	1.00	25.67	
ONTRACK		04/18/2011	2.00	0.00	- change oil & filters, replace eng fuel primer pump
MYCO		04/20/2011	4.00	102.68	
FIN10	SINV3639975	04/28/2011	0.00	1,865.88	FIN10 - Repair grapple cyl
MHL		04/30/2011	0.00	876.59	Monthly equipment costs for April 2011
TER10	PSI/70165690	05/18/2011	0.00	4,138.69	TER10 - Fuel pump - KO R6222-71-1121
MYCO		05/18/2011	1.00	74.37	
MYCO		05/19/2011	1.50	38.51	
ONTRACK		05/19/2011	1.00	0.00	- repair seat
ONTRACK		05/20/2011	0.25	0.00	- parts
ONTRACK		05/21/2011	0.50	0.00	- replace L7 brake booster air line
ONTRACK		05/24/2011	1.00	0.00	- replace hydr filter
ONTRACK		05/25/2011	0.25	0.00	- parts
ONTRACK		05/25/2011	3.50	0.00	- replace grapple collector mounting bolt, bolt on top deck walk way, check horn

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		05/25/2011	0.50	0.00	- track down pump costs
MYCO		05/25/2011	2.50	64.18	
INK10	CR56941	05/25/2011	0.00	192.00	INK10 - recharge A/C, check for leaks
NIC10	605965	05/25/2011	0.00	75.00	NIC10 - test radio, remove board, repair
TER10	PSI/7016721 3	05/26/2011	0.00	-2,060.03	TER10 - Fuel pump -
ONTRACK		05/26/2011	0.25	0.00	- parts
ONTRACK		05/26/2011	1.00	0.00	- check out eng making oil, drain off eng oil, check hydr pump drive oil leak
ONTRACK		05/26/2011	0.50	0.00	- repair hydr grapple oil leak
ONTRACK		05/26/2011	0.50	0.00	- order pump
ONTRACK		05/27/2011	2.00	0.00	- change eng oil, replace air horn elec valve & foot switch
MYCO		05/27/2011	1.50	38.51	
TER10	SSI/7002191 2	05/31/2011	0.00	143.00	TER10 - Repair throttle hunting, adjust throttle linkage
MHL		05/31/2011	0.00	2,740.60	Monthly equipment costs for May 2011
MYCO		06/01/2011	0.50	12.84	Fix pallet, load hyd pump for shipping
MYCO		06/01/2011	2.50	64.18	Grapple swivel rotate
MYCO		06/02/2011	4.00	102.68	Grapple swivel rotate
COH10	130864	06/02/2011	0.00	918.43	COH10 - Grapple motor 520300W3109ABAAC
TMA10	17723	06/02/2011	0.00	795.00	TMA10 - Grapple rotate motor - 371B0004
TMA10	17730	06/03/2011	0.00	1,150.00	TMA10 - Weld cracks in frame
TMA10	17730	06/03/2011	0.00	2,171.18	TMA10 - Replace fuel pump, was leaking into eng oil
TMA10	17730	06/03/2011	0.00	9,514.95	TMA10 - Swing bearing - 207-25-51100
TMA10	17730	06/03/2011	0.00	12,768.75	TMA10 - Change rotec bearing
MYCO		06/06/2011	3.50	89.85	Rotate motor, weld pipe on boom, drain oil, change hose
MYCO		06/15/2011	10.00	282.37	Help change hyd pump, drain hyd oil tank
TER10	PSI/7017192 8	06/17/2011	0.00	7,657.65	TER10 - Hydraulic pump - EX R708-27-04013
MYCO		06/21/2011	3.00	77.01	Run to town for hose
MYCO		06/22/2011	1.50	38.51	Replace blown hose

Vendor	Invoice	Date	Hours	Cost	Description
FIN10	SINV3696570	06/22/2011	0.00	5,378.87	FIN10 - Repair stick cyl
MHL		06/30/2011	0.00	3,244.16	Monthly equipment costs for June 2011
ONTRACK		07/05/2011	1.00	0.00	- change oring on grapple cycl hood locks
ONTRACK		07/13/2011	0.25	0.00	- parts
ONTRACK		07/13/2011	1.00	0.00	- check out grapple rotation, remove rotation motor (broken shaft)
TER10	SSI/70022983	07/13/2011	0.00	2,137.90	TER10 - Replace hyd pump and rear crank seal
TER10	SSI/70022983	07/13/2011	0.00	214.50	TER10 - Replace broken pad bolts
COH10	131636	07/14/2011	0.00	807.69	COH10 - Grapple motor - RE1839160F
MYCO		07/14/2011	0.50	12.84	Rotate motor
ONTRACK		07/14/2011	1.00	0.00	- repalce 2 grapple hydr load lock valves
ONTRACK		07/14/2011	1.00	0.00	- repalce grapple rotation motor
ONTRACK		07/20/2011	0.50	0.00	- replace relief valve on grapple rotation motore
MYCO		07/25/2011	1.50	38.51	Blow out rad, change belts
ONTRACK		07/25/2011	0.50	0.00	- parts
ONTRACK		07/25/2011	2.00	0.00	- repalce fan & w/p fan belts
ONTRACK		07/25/2011	1.00	0.00	- check out over heating, blow out rad
INK10	CR57282	07/27/2011	0.00	938.38	INK10 - Check over/repair a/c
MHL		07/31/2011	0.00	1,030.38	Monthly equipment costs for July 2011
ONTRACK		08/03/2011	1.00	0.00	- replace 4 pad bolts
ONTRACK		08/04/2011	1.50	0.00	- check out hydr leak
ONTRACK		08/13/2011	2.00	0.00	- 500 hr service, replace air filters, replace 2 oring on stick cycl top hose
ONTRACK		08/24/2011	0.50	0.00	- repair interior lite
MYCO		08/29/2011	1.00	25.67	Track pad, wiring lights
ONTRACK		08/29/2011	2.00	0.00	- fix wiring for lights, order bulbs for ones that are out
MHL		08/31/2011	0.00	518.16	Monthly equipment costs for August 2011
ONTRACK		09/20/2011	1.00	0.00	- weld stuck cycl steel hydr pipe end
ONTRACK		09/26/2011	1.00	0.00	- check heater & water temp
ONTRACK		09/28/2011	1.00	0.00	- check heater again, found pinched hose

Vendor	Invoice	Date	Hours	Cost	Description
MHL		09/30/2011	0.00	173.36	Monthly equipment costs for September 2011
ONTRACK		10/03/2011	1.00	0.00	- replace 2 work lites
KYLER		10/14/2011	3.00	0.00	Check for squealing belt, remove guarding and remove belts to find squeal, water pump belt
ONTRACK		10/15/2011	0.35	0.00	- parts
KYLER		10/28/2011	3.00	0.00	Check out belt noise, alt bracket has broken bolt, remove and install new
MHL		10/31/2011	0.00	-110.21	Monthly equipment costs for October 2011
MYCO		11/03/2011	3.00	77.01	Change grapple cyl
UBI		11/03/2011	3.00	0.00	change grapple cyl & drop old one at Finning
ONTRACK		11/15/2011	2.00	0.00	- weld grapple leg
KYLER		11/23/2011	2.50	0.00	Leaking steel pipe on stick end for grapple rotate, remove clamp at end of stick, drain hyd oil and weld up pipe (paper thin, excessive wear)
MHL		11/30/2011	0.00	278.32	Monthly equipment costs for November 2011
MYCO		12/05/2011	1.50	38.51	
KYLER		12/05/2011	2.00	0.00	Prepare for lowbedding out
KYLER		12/05/2011	2.50	0.00	Change hyd pipe down stick to feed grapple rotate, 250hr service (found metal in hyd filter)
KYLER		12/08/2011	2.00	0.00	Change out hyd filter due to contamination found at last service
KYLER		12/09/2011	0.50	0.00	Reinstall missing track pad
KYLER		12/14/2011	1.00	0.00	Replace hyd hose on boom cyl, hose damaged/leaking
ONTRACK		12/20/2011	2.00	0.00	- change hydr filters, weld cracked pip on boom
ONTRACK		12/21/2011	2.00	0.00	- change hydr hose in the bush on boom to stick knuckle
MHL		12/31/2011	0.00	1,315.33	Monthly equipment costs for December 2011
KYLER		01/03/2012	3.00	0.00	Drain stick cyl hyd oil to weld pipe, grind out oil leak area and weld stick pipe, reconnect and test
TMA10	21652	01/09/2012	0.00	795.00	TMA10 - Grapple rotate motor - 371B0004
KYLER		01/10/2012	3.50	0.00	Change out grapple motor, install new pinion on new motor, install and test
KYLER		01/11/2012	4.50	0.00	Weld up stick pipe, check for door latch, wrong one was ordered, change out grapple rotate solenoid valve

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		01/17/2012	1.00	25.67	Shovel out tracks, prepare for move
MYCO		01/23/2012	3.50	89.85	Boom cyl pin cab side
KYLER		01/23/2012	8.00	0.00	Reinstall lower boom cyl pins at boom foot, resecure and spot weld lock tabs, remount boom guard and resecure, resecure handrails (were broken and bent)
MYCO		01/30/2012	1.00	25.67	L/track off sprocket
KYLER		01/30/2012	2.50	0.00	Assist in installing track (left side) which had fallen off in slash
MHL		01/31/2012	0.00	1,441.85	Monthly equipment costs for January 2012
FIN10	960060912	02/06/2012	0.00	2,787.37	FIN10 - Repair grapple barrel cyl
MYCO		02/08/2012	4.00	102.68	Broken track adjuster spring
KYLER		02/08/2012	4.00	0.00	Left side track falling off, idler fallen out and broken tensioner spring for idler, set up machine for disassembly, remove yoke and spring assembly
KYLER		02/09/2012	13.00	0.00	Install new idler spring tensioner and yolk assembly, install idler, install track and adjust, move machine and replace track pad bolts
MYCO		02/09/2012	9.50	676.84	Repair track and window, tighten pad bolts
TER10	PSI/70220893	02/09/2012	0.00	3,344.44	TER10 - Spring assembly - BU VA2782
MYCO		02/13/2012	4.00	102.68	Blown hose, repair
MYCO		02/14/2012	6.00	154.02	Repair fuel line and shutdown, broken injector line
KYLER		02/16/2012	3.00	0.00	Replace broken injector lines in 1 and 2 cyls, run and test, no leaks found
KYLER		02/17/2012	5.00	0.00	500hr service, ** found left final drive empty - no oil present **
KYLER		02/20/2012	2.00	0.00	Top up left side travel motor (empty), run and test, check for leaks, none found at this time, monitor
MHL		02/29/2012	0.00	504.67	Monthly equipment costs for February 2012
KYLER		03/06/2012	1.50	0.00	Install injector line fuel clamps on 1 and 2 injector lines
MHL		03/31/2012	0.00	46.67	Monthly equipment costs for March 2012
FIN10	960122103	04/26/2012	0.00	1,606.98	FIN10 - Rebuild thumb cyl
MHL		04/30/2012	0.00	46.67	Monthly equipment costs for April 2012
MHL		05/31/2012	0.00	46.67	Monthly equipment costs for May 2012
MHL		09/30/2012	0.00	46.66	Monthly equipment costs for September 2012

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		10/05/2012	3.00	0.00	- weld up inside plate of single leg on grapple
MYCO		10/17/2012	5.00	348.65	
MHL		10/31/2012	0.00	501.37	Monthly equipment costs for October 2012
ONTRACK		11/01/2012	1.50	0.00	- make up & drill new grapple cycl guard
ONTRACK		11/09/2012	1.00	0.00	- get swing & throttle to work
ONTRACK		12/04/2012	0.25	0.00	- parts
ONTRACK		12/07/2012	4.50	0.00	- repalce 6 botls on grapple cyl guard, replace grapple cycl guard & weld on bolting bar (on other side), remove grapple rotation motor (broken shaft) repair lift cyl guard bolt & stick cycl guard
ONTRACK		12/07/2012	0.35	0.00	- parts
TMA10	27736	12/10/2012	0.00	795.00	TMA10 - Grapple rotate motor - 371B0004
MYCO		12/11/2012	0.50	19.64	
MHL		12/31/2012	0.00	451.59	Monthly equipment costs for December 2012
ONTRACK		01/04/2013	1.00	0.00	- repair grapple leg pin, lock bolt
MYCO		01/16/2013	1.00	26.18	Hyd hose
MHL		01/31/2013	0.00	441.15	Monthly equipment costs for January 2013
ONTRACK		02/15/2013	0.35	0.00	- parts
ONTRACK		02/17/2013	3.00	0.00	- service eng & hydr, check water leak, fix grapple close problem
MHL		02/28/2013	0.00	643.42	Monthly equipment costs for February 2013
ONTRACK		03/01/2013	1.50	0.00	- change grapple hose, change load locks, worked good
MYCO		03/18/2013	2.00	52.36	Electrical
ONTRACK		03/19/2013	4.00	0.00	- fix water leak on eng, take apart water tube, replace orings & reinstall, run up, looked good
MYCO		03/21/2013	2.00	52.36	Welding
ONTRACK		03/22/2013	0.25	0.00	- parts
MYCO		03/22/2013	1.00	26.18	Replace micro switch, pin on grapple cyl
MHL		03/31/2013	0.00	124.40	Monthly equipment costs for March 2013
ONTRACK		04/03/2013	2.00	0.00	- fix grapple rotate
ONTRACK		04/08/2013	0.35	0.00	- parts
ONTRACK		04/10/2013	2.50	0.00	- 500 hr service, clean out racor filter housing, blow out fuel line to tank

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		04/22/2013	0.25	0.00	- parts
ONTRACK		04/22/2013	2.50	0.00	- weld up stick hydr pipe, replace bottom lift cycl hydr hose, weld up hydr steel pipe bracket at end of stick
ONTRACK		04/24/2013	0.50	0.00	- parts
ONTRACK		04/24/2013	0.50	0.00	- check out grapple cycl
ONTRACK		04/25/2013	1.00	0.00	- replace grapple lock valves, replace oring on lift cycl hose
MHL		04/30/2013	0.00	1,856.18	Monthly equipment costs for April 2013
ONTRACK		05/01/2013	1.50	0.00	- weld up LH lift cycl bottom steel pipe, adj fan belt
ONTRACK		05/07/2013	1.00	0.00	- check out heater hose for leak, make up cross heater hose on eng (needs new heater hoses)
MHL		05/31/2013	0.00	4,117.07	Monthly equipment costs for May 2013
KYLER		06/14/2013	1.50	0.00	Remove belly pans for washing
ONTRACK		06/17/2013	2.50	0.00	- bolt up belly pan after been washed, remove riser to cab mounting bolts
KYLER		06/26/2013	10.00	0.00	Remove rock guards on right side, inner and outer
MYCO		06/26/2013	1.00	26.70	Move into place, find master track links
MHL		06/30/2013	0.00	321.58	Monthly equipment costs for June 2013
KYLER		07/02/2013	1.00	0.00	Continue with rock guard removal
KYLER		07/04/2013	5.00	0.00	Continue rock guard removal
KYLER		07/05/2013	7.00	0.00	Remove LH roller bolts, remove LH lower roller bolts
MYCO		07/05/2013	1.00	26.70	Help remove two rollers
MYCO		07/08/2013	8.50	267.00	Remove right side rollers, split both tracks, remove idlers
KYLER		07/08/2013	8.50	0.00	Split track, left and right side, pull out idlers left and right side and remove lower rollers on right side
KYLER		07/10/2013	10.00	0.00	Remove rollers left side, had to heat to remove several times
KYLER		07/11/2013	10.00	0.00	Cut all rock guards left side to mount new wear plates on bottom of rock guard
MYCO		07/11/2013	5.00	160.20	Take track adjuster apart, load on pallet and ship to CR, take arm off idler, try to take arms off right idler
TER10	PSI/70350740	07/11/2013	0.00	4,150.86	TER10 - Idler/spring/adj ass - VA2783
MYCO		07/12/2013	5.00	153.53	Try to get arms off idler, clean up old rollers

Vendor	Invoice	Date	Hours	Cost	Description
KYLER		07/12/2013	11.00	0.00	Split idlers, send track adjusters to Finning, start to drill out broken bolts on track frame
ONTRACK		07/15/2013	2.50	0.00	- work on rock guards and truck frame
MYCO		07/15/2013	7.50	206.93	Put rollers on left side, thread chase roller mounting holes right side
MYCO		07/16/2013	4.50	146.85	Thread chase holes on left side rail, grind left side rock guard
ONTRACK		07/16/2013	3.00	76.50	Fix radio
ONTRACK		07/17/2013	1.00	0.00	- unload track adj parts at shop
MYCO		07/17/2013	9.00	267.00	Cut and grind right rock guards
MYCO		07/18/2013	6.50	206.93	Cut and grind right bottom rail, grind right rock guard
TER10	PSI/7035074 1	07/18/2013	0.00	1,063.72	TER10 - Track roller (2) - 208-30-00211
TER10	PSI/7035074 1	07/18/2013	0.00	899.96	TER10 - DF roller (2) - KM353A
TER10	PSI/7035074 1	07/18/2013	0.00	899.96	TER10 - Track roller complete - KM 353A
TER10	PSI/7035229 7	07/24/2013	0.00	442.74	TER10 - S/F roller - KM1743A
ONTRACK		07/29/2013	8.50	223.13	Install grapple, remove heel cyl, pick grapple up from Bear Bay
MHL		07/31/2013	0.00	3,342.56	Monthly equipment costs for July 2013
MYCO		08/02/2013	7.00	206.93	Get parts, cut tubing for rock guards, cut ready rod, make plates to cap o-ring flat face hoses, cap off LH drive motor hoses, put RH idler in place, get extra welding cables from Ben
KYLER		08/06/2013	10.50	0.00	Fit rock guards on left side, weld and tack, make gussett plates for left and right side
KYLER		08/07/2013	6.50	0.00	Remove travel motors, block off all lines to enable machine to run
MYCO		08/07/2013	3.00	80.10	Take drive motors out, send to Hydraulic Technologies, finish making undercarriage cross bolts
MYCO		08/07/2013	0.50	13.35	Clean up scrap around machines, put in steel bin
MYCO		08/08/2013	0.50	13.35	Clean around jobsite
MYCO		08/09/2013	1.00	26.70	Weld nuts on undercarriage cross bolts
MYCO		08/12/2013	0.50	13.35	Clean around machine

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		08/14/2013	4.00	0.00	- put idler onto tack adj, install into track frame, look at top rollers found to be big, call SMS about new ones
ONTRACK		08/15/2013	10.00	0.00	- remove beam cycl, remove heel cycl, cut front off machine to get at line boring for ears
MYCO		08/15/2013	1.50	40.05	Help Scott
ONTRACK		08/15/2013	4.00	114.75	Remove boom and heel cyls for repair
ONTRACK		08/16/2013	2.00	63.75	Change swing drive oil, funk box oil
ONTRACK		08/16/2013	3.00	0.00	- cut hole under cab for line boring, get oils, changed in swing & pump drive
FIN10	960452243	08/17/2013	0.00	1,447.66	FIN10 - Repair track adjuster
HYD10	21609	08/20/2013	0.00	157.50	HYD10 - Inspect travel motor - no good
MYCO		08/21/2013	1.00	26.70	Clean around machine
MYCO		08/22/2013	0.50	13.35	Pick up washers for planetary bolts
B&L10	670659	08/22/2013	0.00	10,804.20	B&L10 - Rock guards and other undercarriage repairs
TER10	PSI/70363080	08/29/2013	0.00	4,150.86	TER10 - Idler/spring/adj ass - VA2783
TER10	PSI/70363080	08/29/2013	0.00	1,000.94	TER10 - Pin (2) - 207-70-61210
TER10	PSI/70363080	08/29/2013	0.00	2,039.24	TER10 - Bolt (2) - 208-27-00210
TER10	PSI/70363080	08/29/2013	0.00	1,582.86	TER10 - Valve assy (3) - 702-76-01401
TER10	PSI/70363080	08/29/2013	0.00	7,961.24	TER10 - Bearing (4) - 208-27-51240
TER10	PSI/70363080	08/29/2013	0.00	1,782.16	TER10 - Shim assy (2) - 208-27-00110
MHL		08/31/2013	0.00	7,784.31	Monthly equipment costs for August 2013
MYCO		09/09/2013	2.50	66.75	Help Shawn
KYLER		09/09/2013	10.50	0.00	Reweld on front clip of loader, reinstall guarding on front clip, hook up grease line from manifold at heel rack cyl and install guarding, change top carrier rollers, clean up flanges for planetaries
HYD10	21821	09/11/2013	0.00	4,161.42	HYD10 - Rebuild final drive
HYD10	21827	09/12/2013	0.00	4,097.93	HYD10 - Rebuild final drive
MYCO		09/12/2013	0.50	13.35	Unload travel motors

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		09/16/2013	4.50	120.15	Help put on boom cyls
MYCO		09/17/2013	1.75	46.73	Help put on boom cyls
MYCO		09/18/2013	1.50	40.05	Help put cabside track motor back into frame
MYCO		09/20/2013	3.00	80.10	Help put right side track motor into frame, help pull tracks back onto top rollers
MYCO		09/23/2013	1.50	40.05	Help on loader
MHL		09/30/2013	0.00	165.00	Monthly equipment costs for September 2013
MYCO		10/04/2013	0.50	13.35	Pick up extinguishers
ONTRACK		10/11/2013	1.00	0.00	- load on lowbed lower cab
JDM		10/15/2013	3.00	0.00	Bolt cab down, grapple rotate problem
JDM		10/16/2013	2.00	0.00	Pull rotate motor
JDM		10/17/2013	3.00	0.00	Change rotate motor and load locks
ONTRACK		10/17/2013	2.00	51.00	Install grapple rotate motor
ONTRACK		10/18/2013	2.00	51.00	Install right track
JDM		10/18/2013	2.00	0.00	Put track on
JDM		10/31/2013	2.00	0.00	Fix quad handle, adjust door
MHL		10/31/2013	0.00	10,742.83	Monthly equipment costs for October 2013
JDM		11/01/2013	2.00	0.00	Change lock valves
ONTRACK		11/07/2013	4.00	0.00	- change grapple cycl, repair quad handle, change rocker controll, unbolt cab
MYCO		11/08/2013	0.50	13.35	Shaw - help Den H find load locks
MYCO		11/25/2013	0.25	6.68	Take hyd rotate for repair
TMA10	33855	11/26/2013	0.00	795.00	TMA10 - Grapple rotate motor white - 371B0004
FIN10	960515541	11/27/2013	0.00	1,074.57	FIN10 - Hydraulic system general repairs
KYLER		11/27/2013	3.50	0.00	Change out grapple rotate motor
KYLER		11/28/2013	1.00	0.00	Travel to pick up grapple cyl
MYCO		11/29/2013	3.00	80.10	help install grapple cyl, broken grease line
KYLER		11/29/2013	2.00	0.00	Change out grapple cyl
MHL		11/30/2013	0.00	1,379.53	Monthly equipment costs for November 2013
ONTRACK		12/08/2013	2.00	0.00	- weld hydr pipe, go over some parts in shop with Mike
KYLER		12/10/2013	6.00	0.00	Change out rs joystick and rewire, tighten tracks pad bolts ls

Vendor	Invoice	Date	Hours	Cost	Description
TER10	PSI/7039676 6	12/24/2013	0.00	-899.96	TER10 - Roller returned (2)
TER10	PSI/7039676 6	12/24/2013	0.00	-899.96	TER10 - Track roller returned (2)
MHL		12/31/2013	0.00	347.03	Monthly equipment costs for December 2013
MYCO		01/07/2014	1.50	53.40	Clean tracks, cab bolts
KYLER		01/09/2014	12.00	0.00	Remount camp radio, remount blower fan, replace lower wiper, weld stick cyl guard, mount boom guard, troubleshoot no grapple rotate or open/close, trace wiring, repair wiring and blown fuse
JDM		01/13/2014	6.00	0.00	Service, fix lights, check throttle problem
JDM		01/14/2014	7.00	0.00	Change track link, fix lights, grapple arm rotate problem, fil hydraulics
ONTRACK		01/14/2014	4.00	102.00	Figure out light issue, auto idle, wipers
ONTRACK		01/15/2014	4.00	102.00	Replace track link
JDM		01/15/2014	4.50	0.00	Go to Bear Lake for pad bolts, weld cracks on boom, grapple leak
JDM		01/17/2014	5.00	0.00	Tighten pad bolts, travel speed problem
ONTRACK		01/17/2014	6.00	153.00	Tighten track pads and change fuel filter and coolant filter
TER10	PSI/7040235 3	01/20/2014	0.00	603.24	TER10 - Valve - 203-60-56180
ONTRACK		01/21/2014	4.00	102.00	Tighten track pads
JDM		01/22/2014	3.50	0.00	Pad bolts, oil leaks
JDM		01/24/2014	1.00	0.00	Blown hose
ONTRACK		01/27/2014	4.00	102.00	Change water pump and track link
JDM		01/27/2014	7.00	0.00	Change track link, replace water pump, reseal relief valve
MHL		01/31/2014	0.00	1,742.95	Monthly equipment costs for January 2014
JDM		02/04/2014	2.50	0.00	Repair grapple swivel
MYCO		02/05/2014	4.00	106.80	Open/close swivel
MYCO		02/06/2014	2.00	53.40	Change grapple cyl, take out rotate motor
MYCO		02/07/2014	1.00	26.70	Rotate motor back in
JDM		02/07/2014	3.00	0.00	Change rotate motor
TMA10	35070	02/11/2014	0.00	795.00	TMA10 - Grapple rotate motor - 371B0004

Vendor	Invoice	Date	Hours	Cost	Description
TER10	PSI/7040925 7	02/12/2014	0.00	21,379.54	TER10 - Track group 49L 8.5 (2) - SI 648/49/700-2
TER10	PSI/7040925 7	02/12/2014	0.00	1,764.54	TER10 - Sprocket 8.5P (2) - KM1616
ONTRACK		02/13/2014	9.00	0.00	- change out sprockets and track groups
ONTRACK		02/13/2014	8.00	204.00	Tracks
TMA10	35182	02/18/2014	0.00	1,022.40	TMA10 - Rebuild grapple swivel
ONTRACK		02/21/2014	2.00	0.00	- change grapple hose saw swivel, coming loose, remove bolts, lock tight and retighten
FIN10	960566023	02/24/2014	0.00	1,468.97	FIN10 - Repair grapple cyl
MYCO		02/25/2014	0.75	20.03	Take grapple hose to get one made
JDM		02/25/2014	3.00	0.00	Grapple rotate problem
MYCO		02/26/2014	1.00	26.70	
FIN10	960567895	02/26/2014	0.00	3,266.44	FIN10 - Repair grapple cyl
TER10	PSI/7041363 1	02/26/2014	0.00	477.50	TER10 - Water pump - R6221-61.1002
MHL		02/28/2014	0.00	1,015.86	Monthly equipment costs for February 2014
ONTRACK		03/21/2014	0.25	0.00	- parts
ONTRACK		03/24/2014	0.50	0.00	- tighten side guards on grapple
ONTRACK		03/27/2014	0.25	0.00	- parts
ONTRACK		03/28/2014	0.35	0.00	- parts
ONTRACK		03/28/2014	2.00	0.00	- check out top lift cycl pin (broken in middle) move down the raod & swap with LL7, remove lift cycl top pin, remove stick cyc grease line
ONTRACK		03/31/2014	0.50	0.00	- pick up parts
ONTRACK		03/31/2014	5.00	0.00	- 250 hr service, check air filter, replace & tighten cab riser mounting bolts & nut, weld crack on top of stick, repair RH quad handle wiring, replace fan & water pump bolts
ONTRACK		03/31/2014	2.50	0.00	- drive to BL shop & pick up oil, hoses, replace lift cycl top cross pin, repair back stick cyl grease line & fitting
MHL		03/31/2014	0.00	561.66	Monthly equipment costs for March 2014
JDM		04/03/2014	1.00	0.00	Change air filters
JDM		04/07/2014	3.00	0.00	Repair grapple rotate
FIN10	960597066	04/12/2014	0.00	820.43	FIN10 - Repair hyd sys

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		04/29/2014	2.00	53.40	Work on grapple
MYCO		04/30/2014	2.00	53.40	Grapple repairs
MHL		04/30/2014	0.00	457.69	Monthly equipment costs for April 2014
MYCO		05/07/2014	0.50	13.35	Change hose on grapple
NIG10	2272	05/09/2014	0.00	561.25	NIG10 - Replace glass
MYCO		05/13/2014	1.00	26.70	Grapple won't close
MYCO		05/23/2014	2.00	53.40	Service
MHL		05/31/2014	0.00	677.64	Monthly equipment costs for May 2014
MYCO		06/16/2014	1.00	26.70	Hose, o-ring
MYCO		06/19/2014	1.00	26.70	Leaking top rad hose
JDM		06/19/2014	2.00	0.00	Water leak
JDM		06/23/2014	3.00	0.00	Change rad hose, weld pipes
MYCO		06/26/2014	1.00	26.70	Hose under cab
ONTRACK		06/27/2014	2.00	53.40	250hr service
MHL		06/30/2014	0.00	1,366.12	Monthly equipment costs for June 2014
KYLER		07/01/2014	1.50	0.00	Check for eng pulling down, order fuel filters
MYCO		07/01/2014	2.00	53.40	Oring inside grapple, hose off pump
MYCO		07/01/2014	1.00	26.70	Get new hose made
MYCO		07/02/2014	0.50	13.35	Put new hose on
MYCO		07/04/2014	1.00	26.70	Boom cyl hose blew, would not turn off with key, had to pull fuse to shut off, disconnected battery
MYCO		07/07/2014	1.00	27.50	Igition shut off, oring, grease line
ONTRACK		07/07/2014	2.00	68.75	Look at shutdown issue, ignition
MYCO		07/09/2014	2.00	55.00	Weld leaking pipe, change ignition
NIG10	3103	07/11/2014	0.00	2,711.00	NIG10 - Supply and install glass
MYCO		07/14/2014	2.50	68.75	Wash machine
ONTRACK		07/14/2014	5.00	137.50	Power wash
ONTRACK		07/23/2014	9.00	261.25	250hr service, change grapple and clean up hoses
ONTRACK		07/24/2014	2.00	68.75	Install hood latch, check final drive levels
MHL		07/31/2014	0.00	958.99	Monthly equipment costs for July 2014
MHL		08/31/2014	0.00	46.67	Monthly equipment costs for August 2014
ONTRACK		09/09/2014	1.00	0.00	- check out grapple hydr leak (rotate motor)

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		09/10/2014	0.35	0.00	- parts
ONTRACK		09/10/2014	1.50	0.00	- check out & repair eng fuel injector line (leaking), repair stick cyc grease line
ONTRACK		09/11/2014	1.00	0.00	- replace grapple rotate motor & gear
ONTRACK		09/12/2014	1.00	0.00	- check out hydr leak on grapple
ONTRACK		09/18/2014	2.00	55.00	Change grapple motor fitting
MHL		09/30/2014	0.00	1,452.04	Monthly equipment costs for September 2014
MYCO		10/06/2014	1.00	27.50	Fix leak on swivel
ONTRACK		10/14/2014	2.00	0.00	- help to remove boom cycl pin through the boom tight
JDM		10/16/2014	5.00	0.00	Pull boom cyls
JDM		10/17/2014	2.00	0.00	Pull stick cyl
MYCO		10/21/2014	1.50	41.25	Pick up parts
JDM		10/22/2014	11.50	0.00	Put cylinders on
JDM		10/23/2014	11.00	0.00	Install cylinders, fix fan, repair lights, repair window, weld cylinder guard, fix wipers
MYCO		10/24/2014	1.00	27.50	Dig out tracks
ONTRACK		10/24/2014	9.00	0.00	- check throttle linkage & RPM's, test hydr, only has low speed travel, weld exhaust supports & leak, install new cab lites, repair monitor mounts & retap the holes, fix quad handle
MYCO		10/27/2014	0.25	10.31	Order radio
ONTRACK		10/27/2014	5.00	137.50	Help get ready for lowbed, install radio, clean cab
MYCO		10/28/2014	1.50	41.25	Bolt down cab, water leak
MHL		10/31/2014	0.00	428.99	Monthly equipment costs for October 2014
FIN10	960727036	11/04/2014	0.00	10,637.61	FIN10 - Repair 2 boom cyls
MYCO		11/06/2014	3.00	82.50	Swing motor
MHL		11/30/2014	0.00	143.00	Monthly equipment costs for November 2014
MYCO		12/02/2014	0.50	13.75	Source supplies
KYLER		12/02/2014	9.50	0.00	Troubleshoot no grapple open/close, grapple rotate or cab tilt, found grapple open/close solenoid valve faulty, disassemble, free up and reinstall, bolt down cab
MYCO		12/09/2014	1.50	41.25	Hoses
MYCO		12/12/2014	3.50	96.25	Tracks

Vendor	Invoice	Date	Hours	Cost	Description
MHL		12/31/2014	0.00	639.40	Monthly equipment costs for December 2014
MYCO		01/30/2015	1.50	41.25	Weld pipe
ONTRACK		01/30/2015	4.00	110.00	Change grapple rotate motor relief o-ring, weld grapple open hyd pipe, change o-ring on valve bank, look at door latch (needs new latch)
MHL		01/31/2015	0.00	159.40	Monthly equipment costs for January 2015
MYCO		02/02/2015	3.50	96.25	Hyd leak, o-ring
ONTRACK		02/02/2015	2.00	55.00	Bypass heater switch (broken)
MYCO		02/03/2015	4.00	110.00	Hose
ONTRACK		02/06/2015	1.00	27.50	Replace hose for grapple
MYCO		02/06/2015	4.00	110.00	Blown hose, run to town
ONTRACK		02/07/2015	5.00	206.25	500hr service, remove starter and try to find new one
MYCO		02/10/2015	0.75	20.63	Pick up starter from airport
ONTRACK		02/11/2015	2.00	68.75	Install new starter
MHL		02/28/2015	0.00	4,688.88	Monthly equipment costs for February 2015
JDM		03/05/2015	1.00	0.00	Check grapple problem
JDM		03/10/2015	2.00	0.00	Rotate problem
ONTRACK		03/11/2015	3.00	0.00	- figure out grapple problem, remove cyc, it was broken inside, pick up one from Finning
JDM		03/11/2015	3.00	0.00	Weld pin
MYCO		03/11/2015	4.50	123.75	Grapple cyl
MYCO		03/12/2015	1.50	41.25	Grapple cyl
ONTRACK		03/12/2015	3.00	0.00	- install grapple cyl
MHL		03/31/2015	0.00	865.61	Monthly equipment costs for March 2015
JDM		04/07/2015	9.00	0.00	Service, weld grapple
JDM		04/08/2015	6.00	0.00	Build grapple tips
MYCO		04/13/2015	2.00	55.00	Fuel problems & maintenance
MYCO		04/14/2015	2.00	55.00	Fuel problems & blown hose
MYCO		04/15/2015	4.00	110.00	Fuel problems
ONTRACK		04/15/2015	1.00	0.00	- get fuel supply to flow better
MYCO		04/17/2015	1.50	41.25	Blown hose & maintenance
MYCO		04/20/2015	7.00	192.50	Repair blown hoses, to CR, fuel problems

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		04/21/2015	2.50	89.38	Repair fuel problem
ONTRACK		04/21/2015	3.00	0.00	- work on fuel problem, change racor to different micron & change lift pump
MYCO		04/22/2015	1.00	27.50	Maintenance
FIN10	960839586	04/29/2015	0.00	2,310.06	FIN10 - Repair grapple cyl
MHL		04/30/2015	0.00	383.47	Monthly equipment costs for April 2015
FIN10	960854300	05/21/2015	0.00	6,399.01	FIN10 - Repair 2 grapple cyls
ONTRACK		05/29/2015	3.00	96.25	Fix grapple leak, intall pin retainer bolt
MHL		05/31/2015	0.00	46.67	Monthly equipment costs for May 2015
MHL		06/30/2015	0.00	102.56	Monthly equipment costs for June 2015
ONTRACK		06/30/2015	1.00	27.50	Install bigger racor from shop stock
ONTRACK		07/01/2015	8.50	240.63	Install new racor filter, fix grease line, tighten boom clamp, fix 2 speed travel wiring
ONTRACK		07/02/2015	10.00	302.50	Wash
ONTRACK		07/06/2015	4.00	123.75	Put belly pans back on, clean cab
MHL		07/31/2015	0.00	46.67	Monthly equipment costs for July 2015
MHL		08/31/2015	0.00	46.67	Monthly equipment costs for August 2015
MHL		10/31/2015	0.00	461.34	Monthly equipment costs for October 2015
JDM		11/11/2015	2.00	0.00	Coolant leak
MYCO		11/18/2015	3.00	84.15	Repairs
JDM		11/18/2015	4.00	0.00	Blown rad hose, weld plate on belly pan
MHL		11/30/2015	0.00	46.67	Monthly equipment costs for November 2015
MHL		12/31/2015	0.00	401.69	Monthly equipment costs for December 2015
MYCO		01/11/2016	1.00	28.05	Change fuel filter
MYCO		01/15/2016	0.50	21.04	Blown hose
JDM		01/20/2016	3.00	0.00	Check grapple rotate
ONTRACK		01/21/2016	0.15	0.00	- parts
ONTRACK		01/21/2016	2.00	0.00	- replace 2 oring on top of valve bank, check out LH quad handle
ONTRACK		01/22/2016	0.15	0.00	- parts
ONTRACK		01/22/2016	0.50	0.00	- replace LH quad handle & micro switches
MYCO		01/27/2016	3.00	84.15	Blown hose, had to get one made
MYCO		01/28/2016	0.50	14.03	Replace hose

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		01/29/2016	0.20	0.00	- parts
MHL		01/31/2016	0.00	429.48	Monthly equipment costs for January 2016
MHL		02/29/2016	0.00	46.67	Monthly equipment costs for February 2016
ONTRACK		03/08/2016	1.00	0.00	- go over machine with Keith, notice pan under eng gone, take measurements
ONTRACK		03/31/2016	4.00	0.00	- service eng, change eng oil & filters, fix hydr leak, change oring on stick cycl
MHL		03/31/2016	0.00	1,482.55	Monthly equipment costs for March 2016
ONTRACK		04/08/2016	0.25	0.00	- parts
MHL		04/30/2016	0.00	46.67	Monthly equipment costs for April 2016
COH10	36307029	05/25/2016	0.00	836.62	COH10 - Grapple motor - RE1839160F
MHL		05/31/2016	0.00	564.33	Monthly equipment costs for May 2016
MYCO		06/06/2016	1.00	42.08	
MYCO		06/22/2016	1.00	28.75	
MHL		06/30/2016	0.00	826.62	Monthly equipment costs for June 2016
MYCO		07/05/2016	0.50	14.38	Help load parts
MYCO		07/06/2016	12.00	402.50	Run for parts, help mechanic all day
MYCO		07/07/2016	4.00	115.00	Cab bolts
MYCO		07/11/2016	0.75	21.56	Load cores for return
TER10	PSI/7062896 5	07/17/2016	0.00	10,108.10	TER10 - Hydraulic pump - HR 708-27-04013R
OAK		07/18/2016	4.50	0.00	21991 hrs: 500hr service, fix hyd leak on pump hose, fix wiring for cab lights
MYCO		07/25/2016	0.25	7.19	Return parts
MHL		07/31/2016	0.00	3,792.99	Monthly equipment costs for July 2016
MHL		08/31/2016	0.00	46.67	Monthly equipment costs for August 2016
MYCO		09/07/2016	1.00	28.75	Weld pipe on boom, fix grapple leak
MYCO		09/07/2016	1.00	28.75	Wrench grapple
MYCO		09/07/2016	2.00	57.50	Blown hose
MHL		09/30/2016	0.00	313.52	Monthly equipment costs for September 2016
MHL		10/31/2016	0.00	45.19	Monthly equipment costs for October 2016
MHL		11/30/2016	0.00	45.21	Monthly equipment costs for November 2016
MHL		01/31/2017	0.00	45.21	Monthly equipment costs for January 2017

Vendor	Invoice	Date	Hours	Cost	Description
MHL		02/28/2017	0.00	45.21	Monthly equipment costs for February 2017
MHL		03/31/2017	0.00	45.21	Monthly equipment costs for March 2017
MHL		04/30/2017	0.00	45.21	Monthly equipment costs for April 2017
MHL		05/31/2017	0.00	45.21	Monthly equipment costs for May 2017
MHL		06/30/2017	0.00	45.21	Monthly equipment costs for June 2017
MHL		07/31/2017	0.00	45.21	Monthly equipment costs for July 2017
MHL		08/31/2017	0.00	45.21	Monthly equipment costs for August 2017
MYCO		09/07/2017	2.00	58.94	Fill with fuel, unbolt riser, top up antifreeze
MYCO		09/08/2017	0.50	22.10	Take fire extinguisher for service
BROKE		09/15/2017	2.00	138.00	Install cab bolts under riser
NIG10	10948	09/15/2017	0.00	758.00	NIG10 - Supply and install windshield
MHL		09/30/2017	0.00	64.27	Monthly equipment costs for September 2017
BROKE		10/13/2017	2.00	138.00	Diag for no forward cab lights, wire in new mini fuse holder with 30A fuse
MYCO		10/13/2017	0.25	17.31	Pick up parts
BROKE		10/15/2017	2.00	138.00	Prep cab door jam and install weather stripping
MHL		10/31/2017	0.00	93.20	Monthly equipment costs for October 2017
ONTRACK		11/22/2017	1.00	42.00	- fix coolant leak
BROKE		11/22/2017	2.00	138.00	Diag for coolant leak, tighten lower rad hose clamp, open heater core valve at engine
BROKE		11/24/2017	2.00	138.00	Diag no start, blow back fuel lines into tank, bleed system, starts ok, confirm no coolant at heater core, add/bleed/test, ok
ONTRACK		11/24/2017	2.00	84.00	- help with heater problem (air leak) fix fuel leak, identify hydr leak
ONTRACK		11/24/2017	3.00	165.00	- look at heater, found air lock
MYCO		11/24/2017	3.50	242.38	
MHL		11/30/2017	0.00	42.93	Monthly equipment costs for November 2017
MHL		12/31/2017	0.00	42.93	Monthly equipment costs for December 2017
ONTRACK		01/03/2018	0.50	21.00	- get started for operator
ONTRACK		01/03/2018	0.50	27.50	- get started (starter issues)
MYCO		01/03/2018	1.00	69.25	Frozen starter
ONTRACK		01/04/2018	0.50	21.00	- starter motor trouble shooting

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		01/04/2018	0.50	27.50	- trouble shoot starter
MYCO		01/06/2018	2.00	138.50	Blown hose and starter problems
ONTRACK		01/06/2018	0.50	21.00	- build hose
MYCO		01/07/2018	5.00	346.25	Machine would not start
ONTRACK		01/07/2018	1.00	42.00	- remove starter from LL13
ONTRACK		01/07/2018	3.50	192.50	- diagnose not shutting off/ wire in switch to shut down, remove starter to match up with L13 starter, clean up starter (brushed & commulators), weld new door lock on
MYCO		01/08/2018	0.50	34.62	Oil leak in grapple
MYCO		01/09/2018	1.00	69.25	Weld up steel pipe
ONTRACK		01/09/2018	1.00	55.00	- weld boom cycl pipe on cab side
ONTRACK		01/09/2018	1.00	42.00	- fix hydr leak
MYCO		01/11/2018	1.50	103.88	Remove and weld steel pipe
ONTRACK		01/11/2018	2.00	84.00	- remove pipe, weld, put on
MYCO		01/16/2018	0.50	34.62	Leaky injector
MYCO		01/17/2018	6.50	450.12	Service, replace starter
ONTRACK		01/17/2018	1.00	42.00	- 500 hr service & fuel problem troubleshooting
ONTRACK		01/17/2018	2.50	105.00	- complete service & fuel problem troubleshooting
ONTRACK		01/17/2018	3.00	165.00	- 500 hr service, install starter & diagnose why not working, change relay on starter
MYCO		01/22/2018	0.50	34.62	Grapple stuck in close mode
MYCO		01/24/2018	1.00	69.25	Replace ignition switch and wiper switch
ONTRACK		01/24/2018	3.00	126.00	- replace key switch, replace wiper switcch
MHL		01/31/2018	0.00	646.43	Monthly equipment costs for January 2018
ONTRACK		02/05/2018	7.00	294.00	- replace grapple rotate motor, bend & weld heal
MYCO		02/05/2018	5.50	380.88	Grapple rotation quit, leaking bad, weld up heel rack
ONTRACK		02/15/2018	3.00	126.00	- weld pipe on boom
MYCO		02/16/2018	1.00	69.25	Change o-rings in grapple twice
MYCO		02/17/2018	1.00	69.25	Bring grapple to camp
MYCO		02/18/2018	0.50	34.62	O-ring on grapple
MYCO		02/20/2018	0.50	34.62	Grapple rotate loose
MYCO		02/21/2018	2.00	138.50	Grapple open sticking, hyd leak

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		02/21/2018	2.00	84.00	- get micro switch & fix grapple close function
ONTRACK		02/21/2018	1.00	55.00	- run micro switch to zac at 4k
ONTRACK		02/28/2018	0.50	27.50	- look for hydr leak at pump
MHL		02/28/2018	0.00	1,829.58	Monthly equipment costs for February 2018
ONTRACK		03/05/2018	1.00	42.00	- replace hose & oring on
MYCO		03/05/2018	0.50	34.62	Blown hose
MYCO		03/21/2018	4.00	277.00	
ONTRACK		03/21/2018	4.50	247.50	- diagnose electrical issue w/swing lock blowing fuse, needs wiring harness, looked over & repaired
ONTRACK		03/30/2018	3.50	147.00	- 500 hr service, minor repairs
MHL		03/31/2018	0.00	42.93	Monthly equipment costs for March 2018
MYCO		04/06/2018	0.50	34.62	Unload track rollers
COH10	36310804	04/09/2018	0.00	810.36	COH10 - White motor - 520300W3109ZBAAC
ONTRACK		04/11/2018	1.00	55.00	- take Mark to LL6 & help check fluids
ONTRACK		04/25/2018	0.50	21.00	- make 2 hoses
ONTRACK		04/25/2018	0.50	27.50	-bypass radio slider connections
MHL		04/30/2018	0.00	348.90	Monthly equipment costs for April 2018
ONTRACK		05/02/2018	2.00	110.00	- fix high travel issue & broken wire for another coil
JDM		05/25/2018	1.00	38.82	Oil leak
JDM		05/26/2018	1.00	38.82	Leak in grapple
ONTRACK		05/26/2018	2.00	110.00	- fix grapple leak, quad handle open/close operation, fix high/low travel operation
ONTRACK		05/27/2018	1.50	82.50	- diagnose grapple not rotating, fix grease whop for stick cycl
JDM		05/27/2018	1.00	38.82	Grapple problem
MHL		05/31/2018	0.00	112.72	Monthly equipment costs for May 2018
ONTRACK		06/06/2018	1.00	55.00	- weld crack stick pipe
JDM		06/06/2018	2.00	77.64	Grapple problem
ONTRACK		06/11/2018	2.00	110.00	- r&r grapple rotate motor deck, fill pump drive, fix hydr leak on pumps
ONTRACK		06/12/2018	1.50	82.50	- weld retainer for boom cycl on rad and pin broken
TER10	PSI/70810720	06/18/2018	0.00	876.23	TER10 - Pin - KO 207-70-31172

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		06/22/2018	2.50	141.25	- install new boom cycl pin (wrong pin)
ONTRACK		06/22/2018	2.00	86.00	- boom cycl pin
MHL		06/30/2018	0.00	520.35	Monthly equipment costs for June 2018
MYCO		07/06/2018	0.75	53.49	Take broken pin for repair
MYCO		07/13/2018	0.50	35.66	Check on new pin, will be dropped off today
B&L10	561067	07/17/2018	0.00	1,028.89	B&L10 - Manufacture pin, mat
ONTRACK		07/19/2018	3.00	169.50	- r&r main boom pin, 250 hr service
MHL		07/31/2018	0.00	42.93	Monthly equipment costs for July 2018
MHL		08/31/2018	0.00	42.93	Monthly equipment costs for August 2018
ONTRACK		09/11/2018	1.00	56.50	- check fluid levels & fire up
MHL		09/30/2018	0.00	42.93	Monthly equipment costs for September 2018
MHL		10/31/2018	0.00	42.97	Monthly equipment costs for October 2018
ONTRACK		11/09/2018	5.00	215.00	- install rear facing lights
MHL		11/30/2018	0.00	42.93	Monthly equipment costs for November 2018
ONTRACK		12/04/2018	0.50	28.25	- look at grapple leak
ONTRACK		12/05/2018	5.00	282.50	- diagnose no charge, r&r alt, charge batteries, phone for alt
MHL		12/31/2018	0.00	759.85	Monthly equipment costs for December 2018
ONTRACK		01/10/2019	2.00	113.00	- diagnose smoking issue
ONTRACK		01/11/2019	8.00	452.00	- go to Bear Lake for injectors, bring parts from shop trailer to Elk, r&r #6 injector, replace return lines, tighten fan belts
MYCO		01/21/2019	5.00	204.85	Heater problems
ONTRACK		01/21/2019	6.00	420.72	- work on heater problem & coolant, tighten water pump belt, check hoses for blockage
MYCO		01/23/2019	4.00	163.88	Alt bracket broke off
ONTRACK		01/23/2019	4.00	172.00	- fix power loss problem, fix alternator mounting assembly
MHL		01/31/2019	0.00	296.47	Monthly equipment costs for January 2019
ONTRACK		02/06/2019	4.00	172.00	- 500 hr service
MHL		02/28/2019	0.00	42.93	Monthly equipment costs for February 2019
ONTRACK		03/18/2019	5.50	385.66	- repair grapple leg, weld up cracks cut & fit new plate for leg
ONTRACK		03/18/2019	1.50	64.50	- get started

Vendor	Invoice	Date	Hours	Cost	Description
MHL		03/31/2019	0.00	42.93	Monthly equipment costs for March 2019
ONTRACK		04/10/2019	2.00	113.00	- fix quad handle & broken wire
ONTRACK		04/30/2019	3.00	169.50	- repair leaking pipe on boom for stick cycl @ discover 6 km
MHL		04/30/2019	0.00	42.93	Monthly equipment costs for April 2019
MYCO		05/08/2019	1.00	40.97	Hyd leak
MYCO		05/14/2019	2.00	81.94	Hyd leaks
ONTRACK		05/15/2019	3.00	210.36	- fix hydr leak
MHL		05/31/2019	0.00	72.34	Monthly equipment costs for May 2019
NIG10	15255	06/24/2019	0.00	1,404.50	NIG10 - Supply and install new windshield
ONTRACK		06/24/2019	2.00	113.00	- diagnose hydr leak, remove hose & move loader off sort
ONTRACK		06/25/2019	2.00	113.00	- install hydr hose, remove front window guarding for window installers
ONTRACK		06/25/2019	1.00	70.12	- unbolt front window guard & chain open for window to be replaced, remov fire extinguiders outdated
ONTRACK		06/27/2019	1.00	70.12	- install window guard front window, install fire extinguiser
MHL		06/30/2019	0.00	98.97	Monthly equipment costs for June 2019
MYCO		07/02/2019	0.50	20.48	Change hose on grapple
ONTRACK		07/26/2019	0.50	35.06	- fix hydr leak
MHL		07/31/2019	0.00	42.93	Monthly equipment costs for July 2019
ONTRACK		08/02/2019	0.50	28.25	- fix door latch
ONTRACK		08/02/2019	0.50	28.25	- fix door latch
MYCO		08/02/2019	0.50	20.48	AJ fixed door latch
ONTRACK		08/21/2019	3.00	210.36	- service eng, blow out rad, find hydr leak, remove4 hose & have built
ONTRACK		08/21/2019	1.00	56.50	- help finish up service, help diagnose hydr leak by pumps
ONTRACK		08/22/2019	3.00	210.36	- install hose, fix leaks, remove block, change orings, load trailer on T28
MHL		08/31/2019	0.00	536.26	Monthly equipment costs for August 2019
ONTRACK		09/26/2019	4.00	226.00	- diagnose no travel alarm, repair wiring in riser
MHL		09/30/2019	0.00	42.93	Monthly equipment costs for September 2019

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		10/03/2019	1.00	70.12	- get heater to work, bleed water at controler
MYCO		10/03/2019	0.50	20.48	Scott fixed heater
ONTRACK		10/16/2019	2.00	113.00	- work with Scott on travel alarm wiring
ONTRACK		10/16/2019	3.00	210.36	- work on travel alarm problem, put LL9 on sort alarm works on it
ONTRACK		10/17/2019	3.00	210.36	- remove more panels & guards to get to wiring, make travel alarm work, clean out wood debrie out of area
ONTRACK		10/17/2019	3.50	197.75	- rewire travel alarm, clean debrie & resecurig wiring for solenoids (travel,swing lock & lockout)
ONTRACK		10/22/2019	2.50	175.30	- repair travel high/low solenoid wire, start putting tin work & guarding back on
ONTRACK		10/28/2019	2.00	113.00	- put side panel, walk way back on, service walk way
ONTRACK		10/29/2019	3.00	169.50	- put belly pans back on, remove left hand cab window, repair broken lights on cab & label switches, stop side window proctor from rattling
MHL		10/31/2019	0.00	973.67	Monthly equipment costs for October 2019
ONTRACK		11/05/2019	4.00	226.00	- install new left side window for cab, repair sliding glass lock pin, clean windows
ONTRACK		11/20/2019	1.50	84.75	- weld cracked hydr pipe for stick cycl
MHL		11/30/2019	0.00	276.61	Monthly equipment costs for November 2019
WRENCH		12/02/2019	1.50	126.22	Wash area around injectors to find suspected fuel leak, none evident but may show up under load
MYCO		12/09/2019	0.50	20.48	Micro switch rotate
ONTRACK		12/09/2019	1.50	84.75	- tighten injector lines on cycl 5&6, check & top up pump drive, secure case ddrain hose pipe for swing motor, reseal case drain at motor, r&r quad handle switch
MYCO		12/17/2019	1.50	61.46	
ONTRACK		12/17/2019	2.00	140.24	- remove blown hose, make new one & install
MHL		12/31/2019	0.00	376.99	Monthly equipment costs for December 2019
ONTRACK		01/14/2020	3.00	210.36	- service eng & hydr 500 hr service
ONTRACK		01/17/2020	8.50	596.02	- weld grapple tips on, gouge crack on grapple legs, weld up, put loader back onto sort
ONTRACK		01/24/2020	2.00	140.24	- weld hard railing back on,
MHL		01/31/2020	0.00	94.16	Monthly equipment costs for January 2020
ONTRACK		02/02/2020	1.00	70.12	- change cab handle, remove old one

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		02/03/2020	3.00	210.36	- install stick cycl guarding bolts, repair cab fan, remove fan blade from old one & install into the one in cab, get heater to make heat
ONTRACK		02/05/2020	2.00	140.24	- fix handle mount bolts, tap out size bigger
MYCO		02/05/2020	0.50	20.48	Scott fixed door latch
ONTRACK		02/11/2020	1.50	84.75	- diagnose no AM/FM radio
MHL		02/29/2020	0.00	42.50	Monthly equipment costs for February 2020
MHL		03/31/2020	0.00	42.50	Monthly equipment costs for March 2020
MHL		04/30/2020	0.00	42.50	Monthly equipment costs for April 2020
BES10	C052620	05/26/2020	0.00	69.25	BES10 - Wash unit, deck & under carriage
MHL		05/31/2020	0.00	42.50	Monthly equipment costs for May 2020
MHL		06/30/2020	0.00	42.50	Monthly equipment costs for June 2020
MHL		07/31/2020	0.00	42.50	Monthly equipment costs for July 2020
MHL		08/31/2020	0.00	42.50	Monthly equipment costs for August 2020
MHL		09/30/2020	0.00	42.50	Monthly equipment costs for September 2020
MHL		10/31/2020	0.00	45.00	Monthly equipment costs for October 2020
ONTRACK		11/19/2020	4.50	254.25	- diagnose grapple leak & stuck in high gear, R&R grapple open hose on both cycl, remove rotate motor & check for leaks, install use motor fan, gave rotate motor to Don to have rebuilt
ONTRACK		11/19/2020	1.00	56.50	- diagnose no heat in cab
MHL		11/30/2020	0.00	45.00	Monthly equipment costs for November 2020
TMA10	100542	12/08/2020	0.00	1,347.98	TMA10 - Rotation motor - 371B0004
MHL		12/31/2020	0.00	45.00	Monthly equipment costs for December 2020
ONTRACK		01/13/2021	2.50	141.25	- r&r water pump & alt belts, diagnose no heat in cab bypass poliot oil heaters, tighten hose in grapple
MHL		01/31/2021	0.00	45.00	Monthly equipment costs for January 2021
ONTRACK		02/04/2021	2.50	141.25	- trim large tine on grapple tip, remove broken cab bolts & rebolt cab down
ONTRACK		02/09/2021	3.00	169.50	- weld grapple pin retainer, tighten cycl guards, weld crack on stick
ONTRACK		02/17/2021	1.50	84.75	- repair grease lines for stick/boom knuckle & heel cycl
ONTRACK		02/22/2021	2.00	113.00	- weld up grapple pin, r&r grease line for stick/boom knuckle

Vendor	Invoice	Date	Hours	Cost	Description
MHL		02/28/2021	0.00	871.38	Monthly equipment costs for February 2021
ONTRACK		03/01/2021	6.50	367.25	- diagnose no throttle, inspect stepper motor & test, inspect wiring & repair wiring for stepper motor position sensor & rpm sensor & resecure
ONTRACK		03/01/2021	1.00	56.50	- wiring harness, 500 hr service, tighten belts, repair am/fm antenna, fix & tidy wiring in cab
MHL		03/31/2021	0.00	45.00	Monthly equipment costs for March 2021
MHL		04/30/2021	0.00	45.00	Monthly equipment costs for April 2021
ONTRACK		05/03/2021	1.50	84.75	- remove grapple cyc & weld crack
ONTRACK		05/05/2021	0.50	28.25	- r&r LH quad handle shell & rocker
ONTRACK		05/13/2021	1.00	56.50	- diagnose no VHF radio, fix wiring to radio
ONTRACK		05/31/2021	1.00	56.50	- diagnose oil leak, r&r oring for valve bank feed line
MHL		05/31/2021	0.00	45.00	Monthly equipment costs for May 2021
MYCO		06/08/2021	0.50	21.52	Change hose
ONTRACK		06/18/2021	1.00	56.50	- r&r broken quad handle case
ONTRACK		06/21/2021	1.00	56.50	- check a/c operation & top up reffridgerant, shut water valve off, remove outdated fire ext & take to Northern,
ONTRACK		06/30/2021	3.00	169.50	- 500 hr service, tighten belts & clean rad out, get codes from computer & diagnose low power issue
MHL		06/30/2021	0.00	216.61	Monthly equipment costs for June 2021
ONTRACK		07/23/2021	5.00	350.60	- move machine down to truck, clean out garbage & pressure wash
MHL		07/31/2021	0.00	121.58	Monthly equipment costs for July 2021
MHL		08/31/2021	0.00	45.00	Monthly equipment costs for August 2021
MHL		09/30/2021	0.00	45.00	Monthly equipment costs for September 2021
MHL		10/31/2021	0.00	45.00	Monthly equipment costs for October 2021
ONTRACK		11/15/2021	1.00	56.50	- r&r grapple open/close hose
ONTRACK		11/17/2021	1.50	84.75	- diagnose eng stalling, fill fuel tank bleed filters & fuel lines
MHL		11/30/2021	0.00	45.00	Monthly equipment costs for November 2021
MHL		12/31/2021	0.00	45.00	Monthly equipment costs for December 2021
MHL		01/31/2022	0.00	45.00	Monthly equipment costs for January 2022
ONTRACK		03/15/2022	1.00	70.12	- check fluids, start up
ONTRACK		03/16/2022	0.50	35.06	- add hydr oil

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		03/25/2022	2.50	141.25	- r&r starter relay, remove relay, diagnose hydr leak, r&r hose at boom , make new hose
ONTRACK		03/28/2022	1.00	70.12	- repair fuel leak, order parts
MYCO		03/28/2022	0.50	21.96	Scott fixed fuel leak
MHL		03/31/2022	0.00	710.61	Monthly equipment costs for March 2022
MYCO		04/01/2022	1.00	43.92	Scott and AJ replaced radio, replaced broken grease lines
ONTRACK		04/01/2022	1.00	70.12	- change 2 way radio
ONTRACK		04/01/2022	1.50	84.75	- r&r VHF radio, install grease line for stick cycl & grease zerk for heel cycl, check & top up pump drive oil
MYCO		04/06/2022	1.00	43.92	Hyd hose
MYCO		04/07/2022	0.50	21.96	Order/pick up parts
MYCO		04/12/2022	1.00	43.92	Change hose on heel
ONTRACK		04/12/2022	1.00	70.12	- help change hydr hose
ONTRACK		04/22/2022	3.50	245.42	- 500 hr service, change eng oil & filters, change hydr filter
MHL		04/30/2022	0.00	558.67	Monthly equipment costs for April 2022
ONTRACK		05/13/2022	3.00	169.50	- remove grapple cucl, weld cracked pipe, grease grapple
MYCO		05/27/2022	1.00	43.92	AJ replaced grapple pin and welded back in
ONTRACK		05/27/2022	1.50	84.75	- reinstall grapple cycl pin & weld on retainer, weld other cracked pins
MYCO		05/30/2022	0.50	21.96	Scott replaced micro switch
MHL		05/31/2022	0.00	45.00	Monthly equipment costs for May 2022
MYCO		06/16/2022	1.00	46.23	Replace hose on boom
ONTRACK		06/16/2022	2.00	116.40	- remove stick cycl hose & make new hose, r&r oring for swing motor fitting
ONTRACK		06/23/2022	1.00	58.20	- r&r door weather stripping & adj door latch, diagnose rotate sticking on, tighten quad handle shell screws
MYCO		06/23/2022	0.50	23.12	AJ replaced weather stripping on door, fixed quad handle, look at AC fan belt
MYCO		06/28/2022	0.50	23.12	Change rotate hose
ONTRACK		06/30/2022	4.50	261.90	- 250 hr service, r&r grapple tips, tighten fan belts, repair broken coolant bottle, fix stick cycl guard

Vendor	Invoice	Date	Hours	Cost	Description
MHL		06/30/2022	0.00	407.00	Monthly equipment costs for June 2022
ONTRACK		07/04/2022	1.00	58.20	- weld on new exhaust pipe on eng cover, install rain cab
ONTRACK		07/07/2022	1.00	72.22	- make hydr hose, drop off at machine
ONTRACK		07/26/2022	2.50	145.50	- diagnose oil leak on grapple, reseal fittings on valve bank, clean up oil
ONTRACK		07/29/2022	1.00	72.22	- check grapple problem, look for hydr cycl
MHL		07/31/2022	0.00	311.08	Monthly equipment costs for July 2022
ONTRACK		08/02/2022	3.00	216.66	- work on grapple, remove both cycl, on the rod is broken & the other bypasses, take to NI Chrome for repair, dig through trailers to find a centre swivel for grapple
NCH10	21079	08/10/2022	0.00	2,126.71	NCH10 - Rebuild 1st grapple cyl
NCH10	21080	08/10/2022	0.00	4,339.73	NCH10 - Rebuild 2nd grapple cyl
ONTRACK		08/11/2022	3.00	216.66	- change grapple swivel and install both grapple cycl
ONTRACK		08/11/2022	3.00	174.60	- change grapple cycl & change swivel
MYCO		08/25/2022	0.50	23.12	Fuel line leaking
ONTRACK		08/31/2022	1.50	108.33	- change fuel line to injection pump, test run
MHL		08/31/2022	0.00	45.00	Monthly equipment costs for August 2022
MHL		09/30/2022	0.00	45.00	Monthly equipment costs for September 2022
MYCO		10/26/2022	0.50	23.12	
ONTRACK		10/26/2022	2.00	144.44	- find fuel leak, look through all the lines in trailer, no luck, order line, make it so can move off sort
ONTRACK		10/26/2022	1.00	58.20	- help move off sort, try to find injector line
ONTRACK		10/31/2022	1.50	87.30	- r&r #6 injector line, swap with L7
MHL		10/31/2022	0.00	248.67	Monthly equipment costs for October 2022
ONTRACK		11/21/2022	2.00	144.44	- test cab fan , found it not working, find another in trailers, install new fan, works good
ONTRACK		11/24/2022	1.00	72.22	- repair hydr leak in grapple, change fitting
MHL		11/30/2022	0.00	459.83	Monthly equipment costs for November 2022
ONTRACK		12/14/2022	3.50	252.77	- remove & weld steel pipe, install & test for leak
ONTRACK		12/14/2022	0.50	29.10	- help remove & install hydr pipe
MYCO		12/15/2022	2.00	90.44	Repair pisscan
MHL		12/31/2022	0.00	37.50	Monthly equipment costs for December 2022

Vendor	Invoice	Date	Hours	Cost	Description
MHL		01/31/2023	0.00	-129.20	Monthly equipment costs for January 2023
ONTRACK		02/07/2023	1.50	87.30	- r&r rotate micro switch
ONTRACK		02/21/2023	1.00	72.22	- get started on fuel issue
MYCO		02/24/2023	1.00	46.23	Frozen fuel line
MHL		02/28/2023	0.00	330.55	Monthly equipment costs for February 2023
ONTRACK		03/09/2023	8.00	577.76	- service eng, change oil & filters, change air cleaners, cut grapple tips off & start to weld new ones on
ONTRACK		03/10/2023	5.00	361.10	- weld tips & gouge, weld cracks in grapple leg
ONTRACK		03/15/2023	1.00	72.22	- replace micro switch in handle
MYCO		03/15/2023	0.50	23.12	Scott replaced micro switch
MYCO		03/22/2023	0.50	23.12	AJ replaced micro switch in handle for rotate
MYCO		03/28/2023	1.00	46.23	LL6 Scott weld ear on pin
ONTRACK		03/28/2023	1.00	72.22	- grapple pin broke ear off, install & weld pin ear on
MHL		03/31/2023	0.00	37.50	Monthly equipment costs for March 2023
MYCO		04/04/2023	0.50	23.12	Scott fixed broken wire
ONTRACK		04/04/2023	1.00	72.22	- fix rotate, lost power to handle, find break & repair
ONTRACK		04/11/2023	1.00	72.22	- change main boom hose
MYCO		04/11/2023	0.50	23.12	Scott replaced hose on boom
MYCO		04/17/2023	0.50	23.12	Look for leak
ONTRACK		04/17/2023	2.00	144.44	- look for hydr leak, over full of oil leaking out tank
ONTRACK		04/21/2023	2.00	144.44	- fix hydr leak and look for more
ONTRACK		04/25/2023	1.00	72.22	- help with electrical issue
ONTRACK		04/25/2023	4.00	232.80	- diagnose electrical problem, figure out messy wires, test charging circuit, order alternators
MYCO		04/25/2023	1.50	69.34	Safety solenoid, started wiring armrest
ONTRACK		04/26/2023	4.00	232.80	- work on electrical in cab, tidy up wires to quad handles, make covers for arm rest holes to stop getting stuff jammed in them
ONTRACK		04/27/2023	2.00	116.40	- install alternator, tighten starter mounting bolts, adj belts
MHL		04/30/2023	0.00	526.32	Monthly equipment costs for April 2023
ONTRACK		05/02/2023	0.50	29.10	- install new coolant over flow bottle
MYCO		05/23/2023	0.50	23.12	Scott replaced micro switch

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		05/23/2023	1.00	72.22	- change micro switch in handle
MHL		05/31/2023	0.00	275.85	Monthly equipment costs for May 2023
MYCO		06/01/2023	0.50	23.12	Grapple rotate hose replaced
ONTRACK		06/08/2023	1.00	58.20	- find grapple hose & rotate hose
ONTRACK		06/09/2023	1.50	87.30	- diagnose rattling noise, inspect alt & remove, take back to Penners
MYCO		06/09/2023	0.50	23.12	Bearing on alternator
MYCO		06/12/2023	1.00	46.36	AJ fixed broken wire in arm rest for open/close function of grapple
MYCO		06/13/2023	0.50	23.18	Replaced bolt
ONTRACK		06/13/2023	2.50	145.50	- 500 hr service, install alt & straighten fan blades
ONTRACK		06/14/2023	1.00	58.20	- r&r hydr hose @ knuckle
ONTRACK		06/23/2023	1.00	72.22	- install & retain grapple pin
MHL		06/30/2023	0.00	676.17	Monthly equipment costs for June 2023
ONTRACK		07/18/2023	2.00	116.40	- diagnose hydr leaks, remove hydr hose
ONTRACK		07/18/2023	2.00	144.44	- run look for leaks, find 3 to start, remove leaky hose take to town for repair, leaky pipe, cost out repair will try to weld
ONTRACK		07/19/2023	8.00	577.76	- fix hydr leaks, make 3 hoses, change orings, degrease & pressure wash machine, really dirty
ONTRACK		07/19/2023	4.00	232.80	- reseal at valve bank, help install hydr hoses, move one to work bag
ONTRACK		07/26/2023	7.00	505.54	- change grapple tips, had to cut back to get shape back, weld up wore legs to get shape
ONTRACK		07/27/2023	4.00	288.88	- weld cracks
ONTRACK		07/28/2023	1.00	72.22	- adj tracks
ONTRACK		07/31/2023	3.00	216.66	- grapple swivel broke bolts that holds it in place, remove broken hoses and remove swivel to extract bolts & fix holes, pick up heli coil kit & hoses
MHL		07/31/2023	0.00	999.06	Monthly equipment costs for July 2023
ONTRACK		08/01/2023	5.00	361.10	- remove borken bolts & heli coil holes, install centre swivel into grapple, install new hoses, pressure wash oil & grease off grapple
ONTRACK		08/02/2023	1.00	58.20	- reseal fitting on grappel swivel
MYCO		08/17/2023	0.50	23.18	Scott checked belts

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		08/21/2023	2.00	144.44	- remove blown hydr hose, make new one & install, main pressure hose
MYCO		08/21/2023	1.00	46.36	Hose
ONTRACK		08/25/2023	1.00	72.22	- repair quad handle, change micro switch
MYCO		08/28/2023	0.50	23.18	Scott replaced micro switch
ONTRACK		08/29/2023	1.00	72.22	- change another micro switc
MHL		08/31/2023	0.00	37.50	Monthly equipment costs for August 2023
ONTRACK		09/11/2023	2.00	144.44	- fix an old antenna, install end, install into loader & test
MYCO		09/11/2023	0.50	23.18	Scott replaced radio antenna
MYCO		09/29/2023	1.00	46.36	Scott put batteries on charge
ONTRACK		09/29/2023	2.00	144.44	- get running, put charger on battery and started, over charging and 1 battery low, pick up batteries and order alt
MHL		09/30/2023	0.00	1,239.03	Monthly equipment costs for September 2023
ONTRACK		10/03/2023	2.00	144.44	- install batteries, starter has big draws, order parts
MYCO		10/03/2023	1.00	46.36	Electrical
ONTRACK		10/05/2023	4.00	288.88	- remove starter, index nose cone on new starter, wire in safety start relay, install new starter, change out alt it was over charging, change water shut off valve for heater hose, change oil & filter
ONTRACK		10/05/2023	2.00	144.44	- change hydr filter, take racor bowl apart & clean muck out, install new filter
TER10	PSI/7138915 1	10/12/2023	0.00	698.40	TER10 - Starter - ZZ 600-813-8810A
MHL		10/31/2023	0.00	323.40	Monthly equipment costs for October 2023
ONTRACK		11/09/2023	4.00	288.88	- remove 2 hydr pipes, weld up cracks, install & test
MYCO		11/20/2023	1.00	46.36	Replace hose on boom
MHL		11/30/2023	0.00	586.53	Monthly equipment costs for November 2023
MHL		12/31/2023	0.00	276.89	Monthly equipment costs for December 2023
FONTAINE		01/02/2024	3.00	103.02	- change eng oil & filters, change hydr filter
ONTRACK		01/02/2024	3.00	216.66	- change eng oil & filters / hydr filters
MYCO		01/03/2024	1.50	69.54	Clean up parts
MYCO		01/04/2024	2.00	92.72	Scott welded pipe on boom
ONTRACK		01/10/2024	1.00	72.22	- fix wire issue with radio

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		01/29/2024	2.00	144.44	- fix door latch on cab dorr
MHL		01/31/2024	0.00	37.50	Monthly equipment costs for January 2024
MYCO		02/12/2024	1.00	46.36	
ONTRACK		02/13/2024	5.00	361.10	- remove #8 grapple hose from under cab to boom , install new one, travel hose blown as well, remove & get new one made, very hard to remove
ONTRACK		02/14/2024	4.00	288.88	- install travel hose, very hard to install a bit to lng, come along & bars to make fit, add hydr oil
MHL		02/29/2024	0.00	257.96	Monthly equipment costs for February 2024
MHL		03/31/2024	0.00	37.50	Monthly equipment costs for March 2024
MYCO		04/17/2024	8.00	370.88	Wash machine
MYCO		04/18/2024	8.00	370.88	Wash machine
MYCO		04/19/2024	8.50	394.06	Finish washing machine.
MHL		04/30/2024	0.00	37.50	Monthly equipment costs for April 2024
ONTRACK		05/23/2024	1.00	72.22	- fix grapple open/close quad handle micro switch, solder in new switch
MHL		05/31/2024	0.00	270.27	Monthly equipment costs for May 2024
MYCO		06/04/2024	1.00	46.36	Scott welded pin
ONTRACK		06/04/2024	1.00	72.22	- put grapple pin back in & weld ear to pin
MYCO		06/11/2024	1.00	46.36	
ONTRACK		06/11/2024	1.50	108.33	- change racor filters, adj throttle linkage
MHL		06/30/2024	0.00	315.32	Monthly equipment costs for June 2024
MYCO		07/03/2024	0.50	23.18	Scott replaced AM/FM radio
ONTRACK		07/03/2024	1.00	72.22	- install stereo
FONTAINE		07/22/2024	5.00	171.70	- change eng oil / filters / hydr filters & air cleaners, remove oil filter housing, clean & remove mouting orings, change oil presssue switch
ONTRACK		07/22/2024	5.00	361.10	- change eng oil & filter, change hydr filter & air cleaner, remove oil filter housing, clean & replace mounting orings, change oil pressure switch
ONTRACK		07/23/2024	8.50	613.87	- work on grapple, gauge & weld cracks, cut off old tips & put new tips on
MHL		07/31/2024	0.00	573.92	Monthly equipment costs for July 2024
MYCO		08/20/2024	1.00	46.36	Grapple pins
ONTRACK		08/20/2024	1.00	72.22	- grapple pin, reinstall it

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		08/21/2024	0.50	23.18	Replaced pin in grapple
MYCO		08/22/2024	1.00	46.36	Scott welded grapple pins
ONTRACK		08/22/2024	2.00	144.44	- weld grapple pin retainer on & make a strap for back side, weld it on
MHL		08/31/2024	0.00	59.14	Monthly equipment costs for August 2024
MHL		09/30/2024	0.00	37.50	Monthly equipment costs for September 2024
ONTRACK		10/16/2024	5.00	361.10	- start working on cab tilt, test wiring, cant get to start, ignition switch no right, remove switch from bone yard machine
ONTRACK		10/21/2024	2.50	180.55	- install ignition switch in riser to start from ground, track wiring-found problem work to start not but lift switch bad one way
ONTRACK		10/22/2024	5.00	361.10	- work on cab tilter, change lift switch, test coils & valves, get to tilt, help tilt on lowbed
MHL		10/31/2024	0.00	66.37	Monthly equipment costs for October 2024