

MIKE HAMILTON LOGGING LTD.
EQUIPMENT MAINTENANCE REPORT
LL7 - 1997 Komatsu Log Loader - S/N: A80020

Vendor	Invoice	Date	Hours	Cost	Description
MHL		12/31/2003	0.00	218.60	Monthly equipment costs for Dec 21/03 to Dec 31/03
MYCO		01/13/2004	4.00	111.58	
ONTRACK		01/13/2004	3.00	0.00	Weld hyd pipe
MHL		01/31/2004	0.00	885.93	Monthly equipment costs for January 2004
MYCO		02/11/2004	5.50	158.56	
ONTRACK		02/11/2004	4.00	0.00	Weld crack in grapple cyl, tighten track pad, fix cab light & interior light
MYCO		02/13/2004	1.50	52.85	
MYCO		02/14/2004	2.00	70.47	
MYCO		02/20/2004	1.00	35.24	
ONTRACK		02/24/2004	3.00	0.00	Change eng oil and filters
MHL		02/29/2004	0.00	856.80	Monthly equipment costs for February 2004
MYCO		03/01/2004	1.50	52.85	
ONTRACK		03/04/2004	1.00	0.00	Find hyd leak, heel cyl needs repacking
ONTRACK		03/08/2004	4.00	0.00	Change grapple cyls, send to Finning
MYCO		03/08/2004	4.00	117.45	
MYCO		03/12/2004	6.00	182.05	
ONTRACK		03/12/2004	5.00	0.00	Remove heel cyl, send to Finning, fab new corner for heel, weld it on
ONTRACK		03/15/2004	5.00	0.00	Install heel cyl, install grapple cyl
ONTRACK		03/24/2004	1.00	0.00	Check load locks, measure hyd hose
ONTRACK		03/25/2004	1.00	0.00	Change hyd hose, change load locks
LARRY		03/26/2004	2.00	0.00	Check belly pan, p/u parts
LARRY		03/27/2004	3.50	0.00	Repair b/pan & mounts
MYCO		03/27/2004	7.00	126.00	Belly pan, seat track
MHL		03/31/2004	0.00	3,629.07	Monthly equipment costs for March 2004
MYCO		04/03/2004	4.50	112.50	re air conditioning
MYCO		04/14/2004	2.00	46.98	Service loader
MYCO		04/29/2004	5.00	140.94	

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		04/29/2004	5.50	129.20	Check over grapple, change leaky hyd hose, change collector
MHL		04/30/2004	0.00	3,130.89	Monthly equipment costs for April 2004
MYCO		05/12/2004	1.00	35.24	
ONTRACK		05/12/2004	2.00	0.00	Blow out rad, install cab fan
MYCO		05/25/2004	5.50	99.00	Powerwash
LARRY		05/25/2004	6.00	0.00	Replace hyd pipe on stick, repair boom cyl grd
MHL		05/31/2004	0.00	2,552.65	Monthly equipment costs for May 2004
MYCO		06/07/2004	3.00	93.96	
LARRY		06/07/2004	8.50	0.00	Repair hyd leak at grapple, repair hyd pipe clamps on boom, repair elec for grapple rotate
ONTRACK		06/08/2004	3.00	0.00	Straighten & weld grapple drop link
MYCO		06/08/2004	1.50	35.24	
MYCO		06/09/2004	2.00	70.47	
MYCO		06/10/2004	1.00	23.49	
MYCO		06/15/2004	2.00	70.47	
ONTRACK		06/15/2004	3.00	0.00	Install air horn
ONTRACK		06/29/2004	2.00	0.00	Find & fix grapple leaks
MHL		06/30/2004	0.00	1,377.47	Monthly equipment costs for June 2004
MYCO		07/07/2004	1.25	29.36	
LARRY		07/07/2004	1.50	0.00	Repair horn, repair hyd pipes
ONTRACK		07/07/2004	2.00	0.00	Weld bolts on grapple
ONTRACK		07/16/2004	1.00	0.00	Fix grease line, check why stick pin won't take grease
MYCO		07/20/2004	4.00	105.71	
ONTRACK		07/20/2004	5.00	0.00	Find broken wire on grapple circuit, find hyd leak in cab
ONTRACK		07/21/2004	1.00	0.00	Order pin & bushing for stick
Terra		07/21/2004	0.00	1,096.49	Terratech - Pin
ONTRACK		07/28/2004	2.00	0.00	Remove leaky hose
ONTRACK		07/29/2004	5.00	0.00	Change eng oil & filters, install hyd hoses
MHL		07/31/2004	0.00	1,281.22	Monthly equipment costs for July 2004
ONTRACK		08/06/2004	1.00	0.00	Change load locks
ONTRACK		08/30/2004	0.50	0.00	Repair grease line

Vendor	Invoice	Date	Hours	Cost	Description
MHL		08/31/2004	0.00	241.81	Monthly equipment costs for Aug 2004
ONTRACK		09/01/2004	2.00	0.00	Change grapple pin
MYCO		09/01/2004	2.50	76.34	
MYCO		09/01/2004	1.50	27.00	Muffler, ran pin to Buckley Bay
MYCO		09/22/2004	6.00	158.56	
ONTRACK		09/22/2004	9.00	0.00	Fix broken boom pin mount, install pin (gave trouble), install lights on cab, install bushings & stick
ONTRACK		09/23/2004	9.00	0.00	Remove stick & bushings, weld big crack at boom foot
Alexa		09/24/2004	0.00	1,502.80	Alexander Portable Machining - line boring repairs
MHL		09/30/2004	0.00	1,867.82	Monthly equipment costs for Sept 2004
MYCO		10/08/2004	0.50	9.00	Rain hood
MYCO		10/17/2004	1.75	31.50	Replaced 2 mounts, fixed loose clutch shoes, checked spark plug - ground bar level
MYCO		10/17/2004	2.75	49.50	Changed all mounts, fixed loose clutch, ground bar level
MYCO		10/19/2004	1.50	52.85	
MYCO		10/25/2004	0.50	9.00	Cut bucking saw chain
MHL		10/31/2004	0.00	1,887.52	Monthly equipment costs for October 2004
MYCO		11/08/2004	6.00	140.94	
ONTRACK		11/08/2004	10.00	0.00	Change torington bearing in right hand boom cyl, service eng & hyd filters
ONTRACK		11/09/2004	9.50	0.00	Weld grapple tip back together, remove other torington bearing & pin
MYCO		11/09/2004	8.50	205.54	monkey wrenching
MYCO		11/11/2004	4.00	93.96	
MYCO		11/11/2004	8.00	187.92	Repair boom cyl & pin
MYCO		11/16/2004	3.00	65.25	Repaired damaged clutch on power saw
MYCO		11/23/2004	0.50	17.62	
MHL		11/30/2004	0.00	1,702.68	Monthly equipment costs for November 2004
MYCO		12/02/2004	1.25	44.04	
MYCO		12/03/2004	1.50	52.85	
MYCO		12/09/2004	3.00	82.22	
MHL		12/31/2004	0.00	366.19	Monthly equipment costs for December 2004

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		01/04/2005	5.00	135.07	
MYCO		01/04/2005	3.00	70.47	Remove & replace grapple cyl
MYCO		01/10/2005	1.00	35.24	
MYCO		01/11/2005	1.00	35.24	
MYCO		01/14/2005	1.00	35.24	
MYCO		01/18/2005	2.50	76.34	
ONTRACK		01/18/2005	4.00	0.00	Change eng oil & filters, check for oil leak, drain belly pan of old oil
ONTRACK		01/21/2005	1.00	0.00	Repair door latch assembly
ONTRACK		01/26/2005	2.00	0.00	Check & find water leak (head gasket leaking badly)
MYCO		01/26/2005	0.25	4.50	Took freezer-type handle to get keys made
MYCO		01/27/2005	2.00	36.00	Picked up lock assem, finished repairs to handle
ONTRACK		01/29/2005	9.00	0.00	Change head gasket & turbo pipe to exhaust
MYCO		01/31/2005	1.00	35.24	
MHL		01/31/2005	0.00	3,642.10	Monthly equipment costs for January 2005
Terra		01/31/2005	0.00	1,924.44	Terratech - turbo elite
MYCO		02/01/2005	2.00	70.47	
MYCO		02/01/2005	2.00	46.98	Change heater hoses
MYCO		02/03/2005	6.00	152.69	
MYCO		02/04/2005	4.00	105.71	Helped Scott
MYCO		02/17/2005	1.00	35.24	Changed grapple cylinder
ONTRACK		02/17/2005	3.00	0.00	Change grapple cyl, install on palet & send to Finning
MHL		02/28/2005	0.00	784.42	Monthly equipment costs for February 2005
MYCO		03/03/2005	2.00	70.47	Blown hose
MYCO		03/09/2005	1.00	35.24	Broken clamp on pipe & pipe cracked
ONTRACK		03/09/2005	2.00	0.00	Replace broken clamp on hyd pipe, weld leak on hyd pipe
MYCO		03/15/2005	1.50	52.85	Service machine
MHL		03/31/2005	0.00	655.39	Monthly equipment costs for March 2005
Finni		03/31/2005	0.00	1,074.16	Finning - repair grapple cyl
MYCO		04/08/2005	1.00	35.24	
MYCO		04/13/2005	3.00	70.47	Air conditioning

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		04/13/2005	1.00	23.49	Modify radio mounting bracket
MYCO		04/15/2005	6.00	140.94	Power wash, change load locks, look for oil leaks
MYCO		04/15/2005	8.00	187.92	Steam clean loader, drop belly pan etc, change load locks on grapple, check for leaks
MYCO		04/18/2005	5.00	117.45	Check over machine for oil leaks & repair
MYCO		04/22/2005	2.50	76.34	Changed 2 grapple cyls
MYCO		04/26/2005	1.50	52.85	Blown grappel hose
MYCO		04/29/2005	1.00	23.49	Hose guard repair
MHL		04/30/2005	0.00	1,997.53	Monthly equipment costs for April 2005
AWL -		05/02/2005	0.00	1,016.78	AWL - insalled new compressor, evac & charge sys
Finni		05/02/2005	0.00	1,216.50	Finning - repair grapple cyl
MYCO		05/03/2005	2.00	46.98	Repairs to railing & mod
MYCO		05/03/2005	0.75	13.50	Cut chain
MYCO		05/04/2005	2.00	46.98	Complete repairs to railing
MYCO		05/06/2005	4.50	81.00	Repaired oilers, serviced saws
MYCO		05/11/2005	1.50	27.00	Changed oiler in saw, not pumping well
MYCO		05/13/2005	3.00	70.47	Service & weld heel rack
MYCO		05/13/2005	6.00	140.94	Check over loader & service, repair horn, repair heel rack
MYCO		05/24/2005	7.00	164.43	Service machine, all filters, engine fuel racor, hyd & air, weld & repair both track idlers
MYCO		05/26/2005	1.00	35.24	Blown hose
MYCO		05/27/2005	1.00	23.49	Blown hose
MHL		05/31/2005	0.00	610.01	Monthly equipment costs for May 2005
ONTRACK		06/14/2005	1.00	0.00	Change a load lock in grapple
MYCO		06/24/2005	3.50	82.22	Blown hose
MYCO		06/25/2005	5.00	176.18	Service loader, repair & rebuild heel
MYCO		06/27/2005	2.00	46.98	Empty oil & filters from Sat
MYCO		06/29/2005	1.75	31.50	Service saw, repair chain adjuster, checked mounts, cleaned filter
MYCO		07/06/2005	0.75	20.25	Repaired & left in dry box, 2 loggers tapes
MYCO		07/11/2005	1.00	35.24	Blown hose
MYCO		07/25/2005	1.00	35.24	Blown hose

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MHL		07/31/2005	0.00	857.28	Monthly equipment costs for July 2005
MYCO		08/02/2005	7.00	164.43	Repair boom pipes
MHL		08/31/2005	0.00	219.64	Monthly equipment costs for August 2005
MYCO		09/15/2005	2.00	64.60	Broken grapple pin
MYCO		09/15/2005	3.00	70.47	Replace grapple pin
MHL		09/30/2005	0.00	868.61	Monthly equipment costs for September 2005
MYCO		10/17/2005	6.00	158.56	Service
ONTRACK		10/17/2005	7.00	0.00	Change eng oil & hyd filters, fix hyd piping & leaks, check over ruff growling down, rotex problem
ONTRACK		10/18/2005	1.00	0.00	Dial indicate measure rotex bearing 120 thou
ONTRACK		10/20/2005	1.00	0.00	Fix oil leaks, weld steel pipe
ONTRACK		10/25/2005	1.50	0.00	Install exhaust stack
MYCO		10/26/2005	0.50	17.62	Blown hose
MHL		10/31/2005	0.00	447.63	Monthly equipment costs for October 2005
MYCO		11/08/2005	3.00	93.96	Threw a track
ONTRACK		11/08/2005	6.00	0.00	Get machine to roadside to install track
ONTRACK		11/09/2005	10.50	0.00	Split track & install on machine
MYCO		11/09/2005	9.00	223.16	Help put track back on
MYCO		11/10/2005	2.00	46.98	Tighten track
ONTRACK		11/10/2005	4.00	0.00	Install track pads & remove step on truck frame, adjust both tracks
ONTRACK		11/11/2005	2.00	0.00	Change load locks, fix leak
MHL		11/30/2005	0.00	322.30	Monthly equipment costs for November 2005
ONTRACK		12/19/2005	6.50	0.00	Replace grapple cyl, test grapple swivel, needs changing, measure up wheel rack corner, pick up stell from Bear Lake
ONTRACK		12/19/2005	6.50	0.00	Replace grapple cyl, test grapple swivel, needs changing, measure up wheel rack corner, pick up stell from Bear Lake
ONTRACK		12/20/2005	9.00	0.00	R&r grapple swivel & fab heel
ONTRACK		12/20/2005	9.00	0.00	Change grapple swivel, build new corner for heel rack
ONTRACK		12/22/2005	1.50	0.00	Change grapple hose
ONTRACK		12/22/2005	1.50	0.00	Grapple

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MHL		12/31/2005	0.00	400.66	Monthly equipment costs for December 2005
MYCO		01/03/2006	1.00	35.24	
MYCO		01/11/2006	1.50	35.24	Welded hole in pipe, changed 3 o-rings
ONTRACK		01/11/2006	2.50	0.00	Weld hyd pipe, change o-rings
ONTRACK		01/11/2006	2.50	0.00	Hyd leaks
T-Mar		01/17/2006	0.00	2,008.54	T-Mar - repair 2 grapple cyls
MHL		01/31/2006	0.00	809.99	Monthly equipment costs for January 2006
ONTRACK		02/09/2006	0.50	0.00	Change o-ring
MYCO		02/20/2006	1.00	35.24	
TMar		02/21/2006	0.00	20,720.92	TMar - replace rotec bearing, repair center swivel etc
MHL		02/28/2006	0.00	-735.11	Monthly equipment costs for February 2006
MYCO		02/28/2006	4.00	105.71	Full service, rotate relay, clamps on boom, welded pipe, fixed belly pan
ONTRACK		02/28/2006	2.00	0.00	- repairs, open & close grapple & check what was needed for belly pan repairs
ONTRACK		02/28/2006	7.00	0.00	- change eng oil & hyd filters, remove eng pan cover - straighten, weld new hinges on, remove pipe weld crack, repair back up alarm, load & unload oil & filters
ONTRACK		03/08/2006	4.00	0.00	- check intro electrical problem, complete shut down
MYCO		03/08/2006	2.50	88.09	Broken wire
ONTRACK		03/09/2006	4.00	0.00	- figure out electrical problem, get machine to start
ONTRACK		03/10/2006	3.00	0.00	- look at track problem, needs to come apart, try to turn rad
ONTRACK		03/11/2006	4.00	0.00	- split track, remove track adjustor
MYCO		03/11/2006	3.50	123.32	Help Scott - clean and remove idler and spring
ONTRACK		03/13/2006	0.50	0.00	- load up parts on forklift for Don to take to C.R.
ONTRACK		03/15/2006	3.50	0.00	- install track adj & track
MYCO		03/15/2006	2.50	76.34	Put track tightner and idler in tracks
MHL		03/31/2006	0.00	2,362.88	Monthly equipment costs for March 2006
MYCO		04/03/2006	1.00	35.24	Hydraulic oil
ONTRACK		04/03/2006	1.00	0.00	Check travel problem, needs oil
MYCO		04/04/2006	3.00	93.96	Top up final drive, leak in grapple

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ONTRACK		04/05/2006	2.50	0.00	Fix oil leak at grapple rebolt center swivel, change orings at boss fittings
MYCO		04/11/2006	1.50	52.85	Repair blown hose
RCM		04/13/2006	4.50	0.00	Replace blown hose
ONTRACK		04/19/2006	1.00	0.00	- weld hydr pipe
MYCO		04/19/2006	0.50	17.62	Help mechanic weld on close pipe
MHL		04/30/2006	0.00	1,480.77	Monthly equipment costs for April 2006
ONTRACK		05/02/2006	2.00	0.00	- change eng oil & filters
RCM		05/06/2006	6.00	0.00	Repair crack, grapple leg pin boss, clean boom, replace muffler, repair hand rail
MYCO		05/24/2006	1.00	35.24	
MHL		05/31/2006	0.00	629.78	Monthly equipment costs for May 2006
MYCO		06/21/2006	2.00	64.60	Changed relay switch & oring in grapple rotate
MHL		06/30/2006	0.00	258.87	Monthly equipment costs for June 2006
ONTRACK		07/05/2006	5.00	0.00	- service & hydr leak
ONTRACK		07/05/2006	5.00	0.00	- change hydr filters, service engine, fix hydr leaks in grapple
ONTRACK		07/07/2006	1.00	0.00	- r&r hydr hose
MHL		07/31/2006	0.00	168.75	Monthly equipment costs for July 2006
LARRY		08/11/2006	1.00	0.00	Check wiring to o/press sensor, order parts
LARRY		08/14/2006	2.50	0.00	Check eng oil press, check wiring & o/press sensor, needs sensor
ONTRACK		08/16/2006	4.00	0.00	- change oil pressure sender, walk machine into the block
LARRY		08/21/2006	3.00	0.00	Check hyd leak, replace hyd hose, check a/m ant, order parts
LARRY		08/24/2006	1.00	0.00	Repair hyd pipe clamps on boom
ONTRACK		08/29/2006	2.00	0.00	- r&r light & antenna, hose clamps on boom
MHL		08/31/2006	0.00	836.92	Monthly equipment costs for August 2006
ONTRACK		09/19/2006	1.50	0.00	- remove hydr hose for grapple
LARRY		09/19/2006	0.50	0.00	Order & p/u parts
LARRY		09/20/2006	3.00	0.00	Replace hyd hose, repair fittings & replace o-rings at grapple head
MYCO		09/21/2006	1.00	23.96	

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		09/25/2006	2.00	59.90	
ONTRACK		09/25/2006	3.00	0.00	- r&r wiper blades & install new fan
MHL		09/30/2006	0.00	212.27	Monthly equipment costs for September 2006
ONTRACK		10/02/2006	0.50	0.00	- check out grease fitting for track tighteners
ONTRACK		10/05/2006	2.50	0.00	- weld hydr pipe
MYCO		10/05/2006	1.00	35.94	Welded hole in pipe
MYCO		10/06/2006	2.00	53.91	Changed relay switch, fixed clamps on boom
ONTRACK		10/06/2006	2.00	0.00	- r&r open relay switch, remove broken bolt for hydr pipe hold down
MHL		10/31/2006	0.00	231.88	Monthly equipment costs for October 2006
ONTRACK		11/08/2006	2.00	0.00	- hydr hose clamps & welding
ONTRACK		11/21/2006	2.00	0.00	- weld on pole protector to heel
MYCO		11/24/2006	0.50	17.97	Replace blown hose
MHL		11/30/2006	0.00	749.36	Monthly equipment costs for November 2006
TER10	1502703	11/30/2006	0.00	701.45	TER10 - Bearing - 06000-22222
TER10	1502703	11/30/2006	0.00	1,446.93	TER10 - Bearing - 06000-22324
TER10	1502703	11/30/2006	0.00	556.28	TER10 - Cover - 207-26-54263
TER10	1502703	11/30/2006	0.00	1,087.87	TER10 - Replace pinion seal & re-bearing swing drive
MYCO		12/06/2006	1.00	35.94	Clamps on pipe on boom
ONTRACK		12/06/2006	3.00	0.00	- hydr hose & clamps
MYCO		12/07/2006	1.00	35.94	Crack in weld
ONTRACK		12/08/2006	9.50	0.00	- install swing motor, re&re idler
ONTRACK		12/12/2006	4.00	0.00	- weld on hydr pipe
MYCO		12/12/2006	1.00	23.96	Welded pipe
LARRY		12/19/2006	2.00	0.00	Remove alt for repairs
TER10	1505948	12/19/2006	0.00	450.46	TER10 - Alternator - ALT1022
LARRY		12/20/2006	3.00	0.00	Install alt, check charge & elec sys
MYCO		12/20/2006	3.00	95.84	Fix alternator
ONTRACK		12/20/2006	1.00	0.00	- build lock for cab escape hatch
MYCO		12/28/2006	0.50	17.97	Change relay switch
MHL		12/31/2006	0.00	427.49	Monthly equipment costs for December 2006
ONTRACK		01/04/2007	0.50	0.00	- start it first thing in the morning

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ONTRACK		01/08/2007	4.00	0.00	- change eng oil & filters
LARRY		01/08/2007	2.50	0.00	Welding repairs to grapple
LARRY		01/11/2007	2.00	0.00	Check cooling sys, check cooling sys sensor, order parts
ONTRACK		01/12/2007	3.00	0.00	- check over heat problem, thermo stat not working, lower water pump hose collapse, look for water leaks found 1 & fixed
ONTRACK		01/13/2007	4.00	0.00	- take apart oil cooler on block, remove thermostat, take parts to shop & clean up
ONTRACK		01/29/2007	0.50	0.00	- change hooks on chain (safety issue)
ONTRACK		01/31/2007	4.00	0.00	- repair grapple leak, grapple broke mounting lug & smashed fitting on cycl barrel, repaired fitting hole
MYCO		01/31/2007	3.00	95.84	Broken grapple
MHL		01/31/2007	0.00	641.38	Monthly equipment costs for January 2007
MYCO		02/01/2007	5.00	131.78	Grapple repairs
ONTRACK		02/01/2007	4.00	0.00	- put grapple back together, clean parts, get Dave welding
MHL		02/28/2007	0.00	215.90	Monthly equipment costs for February 2007
ONTRACK		03/13/2007	2.00	0.00	- check over travel problem, have info faxed to shop
ONTRACK		03/14/2007	1.00	0.00	- repair quad handle
MYCO		03/14/2007	2.00	71.88	
TER10	1519807	03/15/2007	0.00	635.17	TER10 - Solenoid valve - 20Y-60-22123
MYCO		03/16/2007	2.50	59.90	
ONTRACK		03/16/2007	6.00	0.00	- change eng oil & filters, fix hydr leak, shuffle truck out to lowbed, move to new block
ONTRACK		03/20/2007	6.00	0.00	- change travel hose, fix high/low speed travel
MYCO		03/21/2007	1.00	35.94	Blown hose
MYCO		03/22/2007	1.00	35.94	Replace blown hose
MHL		03/31/2007	0.00	1,396.04	Monthly equipment costs for March 2007
ONTRACK		04/10/2007	2.00	0.00	- hydr hoses
ONTRACK		04/13/2007	1.50	0.00	- rad hose bracket
LARRY		04/17/2007	1.00	0.00	Broken hyd pipe clamps, order parts
LARRY		04/18/2007	2.00	0.00	Repair & reweld, drill out broken bolts & reclamp boom pipes
MYCO		04/18/2007	1.00	35.94	New pipe clamps on boom

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		04/30/2007	1.50	47.92	Prong on grapple sprung
MHL		04/30/2007	0.00	299.92	Monthly equipment costs for April 2007
RCM		04/30/2007	3.00	0.00	Start to repair grapple tip
RCM		05/01/2007	4.50	0.00	Repair grapple leg, repair boom pipe clamps
MYCO		05/01/2007	3.00	83.86	Welded fork on grapple, boom clamps
ONTRACK		05/15/2007	0.50	0.00	- check hydr leak
ONTRACK		05/16/2007	5.00	0.00	- hydr pipe welding
MYCO		05/16/2007	2.00	47.92	
LARRY		05/24/2007	2.00	0.00	Check travel, order parts for service
RCM		05/24/2007	2.00	0.00	Disassemble for repairs
LARRY		05/28/2007	4.00	0.00	Service eng, check travel
LARRY		05/30/2007	3.50	0.00	Check pilot & hyd pressures, check travel (slow & weak)
MYCO		05/30/2007	2.50	71.88	Larry checked travel
MYCO		05/31/2007	4.00	107.82	Larry - fix travel and clean rad
LARRY		05/31/2007	5.50	0.00	Check travel, remove & check compensator valves, check solenoids & wiring, blow out rads, order parts
MHL		05/31/2007	0.00	350.99	Monthly equipment costs for May 2007
LARRY		06/01/2007	8.50	0.00	Grapple c/swivel fell out and broke fittings, replaced & reinstalled, spray degreaser & wash machine, dropped b/pan
MYCO		06/01/2007	7.00	167.72	Powerwash, fitting in swivel broke, Larry fixed
MYCO		06/04/2007	0.50	17.97	Blown hose
MYCO		06/08/2007	7.00	173.71	Fixing travel
ONTRACK		06/08/2007	10.00	0.00	- travel problem, reseal compensator vales, change speed sensor, change pressure switch, travell motor noisy, checked case drain pressure & suction screen, found metal
ONTRACK		06/11/2007	10.00	0.00	- split track, cut out bad master link, drain hydr oil, remove travel motor, start trying to find motor
ONTRACK		06/12/2007	2.00	0.00	- find travel motor assembly & have it shipped
MYCO		06/12/2007	1.00	10.00	Flattened & reshaped metal plate
LEP10	S37507	06/13/2007	0.00	11,000.00	LEP10 - Final drive

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		06/14/2007	12.00	0.00	- clean out hydr tank & system, install travel motor, change track line & install track, adjust track tension, set up track cyc time, change hyd filter
LARRY		06/14/2007	10.50	0.00	Unload & install travel motor & final drive assm, install drive sprocket grd back on, install travel mtr grf
MYCO		06/19/2007	2.00	59.90	Larry changed hyd filter and welded pipe on boom
LARRY		06/19/2007	3.00	0.00	Replace hyd filter, remove & repair boom pipe for grapple open
LARRY		06/26/2007	3.00	0.00	R&r & weld two pipes on boom
MYCO		06/26/2007	2.00	59.90	Welded two pipes on boom with holes in them (Larry)
MHL		06/30/2007	0.00	6,895.74	Monthly equipment costs for June 2007
ONTRACK		07/03/2007	5.00	0.00	- travel motor oring
MYCO		07/06/2007	1.00	29.95	Blown hose
MYCO		07/09/2007	3.00	83.86	Tighten rotate motor and swivel
LARRY		07/09/2007	3.50	0.00	Repair broken bolts in grapple o-joint torque arm, repair fittings, repair broken hyd pipe clamps on boom, order parts
LARRY		07/10/2007	1.00	0.00	Check a/c switch
MYCO		07/11/2007	4.00	107.82	Fix a/c and clean rad
ONTRACK		07/11/2007	4.00	0.00	- change switch for A/C, blow out condensor & evaporator, blow out rad
MYCO		07/16/2007	0.50	17.97	Blown hose
MHL		07/31/2007	0.00	1,295.01	Monthly equipment costs for July 2007
ONTRACK		08/24/2007	5.00	0.00	- full service
MHL		08/31/2007	0.00	156.25	Monthly equipment costs for August 2007
ONTRACK		09/05/2007	1.00	0.00	- order parts for air horn
TER10	1550236	09/08/2007	0.00	1,165.85	TER10 - Seal ring assembly - 208-27-00210
MYCO		09/13/2007	2.00	47.92	Weld tip on grapple (Dave Adams)
MYCO		09/14/2007	1.00	23.96	Put track back on
ONTRACK		09/15/2007	4.00	0.00	- put track bolt on out in the block
ADAMS		09/18/2007	3.50	0.00	Fab horn guards
MYCO		09/20/2007	3.00	71.88	Blown hose, had to run to town to replace
WAJ10	C93070	09/26/2007	0.00	756.00	WAJ10 - Compressor - FFSB103451

Vendor	Invoice	Date	Hours	Cost	Description
MHL		09/30/2007	0.00	1,211.40	Monthly equipment costs for September 2007
MYCO		10/10/2007	3.00	71.88	Change blown hose
ONTRACK		10/10/2007	3.00	0.00	- find oil leak & remove hose
ONTRACK		10/11/2007	3.00	0.00	- change hydr hose, fill hydr oil, adj track tension
MYCO		10/11/2007	1.50	35.94	Replace hose
WAJ10	C92747	10/11/2007	0.00	735.00	WAJ10 - Compressor - HI FFSB103451
ONTRACK		10/12/2007	0.50	0.00	- replace 2 bolts on lift cycl guard
CGL10	32791	10/12/2007	0.00	259.00	CGL10 - Replace window
ONTRACK		10/13/2007	0.50	0.00	- replace bottom lift cycl guard bolt
MYCO		10/22/2007	1.00	23.96	Scott fixed buzzer & warning lights
MHL		10/31/2007	0.00	1,392.90	Monthly equipment costs for October 2007
NIG10	34766	11/02/2007	0.00	292.50	NIG10 - Install window
MYCO		11/05/2007	1.50	36.66	New window, service bolts/fittings
ONTRACK		11/05/2007	5.00	0.00	- help install window by removing guards, start service, change engine oil & filter
MYCO		11/06/2007	5.00	122.20	Service, bracket, relay switch, clamps on boom, fix guarding, tighten tracks
ONTRACK		11/06/2007	7.00	0.00	- finish service, change hydr & fuel filters, fix cycl guards, repair pipe clamps, use the bih hiab to push window guard back into place
MYCO		11/13/2007	1.50	36.66	Dave welded cracks on boom
ADAMS		11/13/2007	3.50	0.00	Weld cracks on boom
ADAMS		11/14/2007	11.50	0.00	Weld on bunk
ONTRACK		11/15/2007	0.50	0.00	- check out top wiper arms
ONTRACK		11/24/2007	3.00	0.00	- installer wiper motor assem., weld grapple cracks, tighten fitting, fix oil leak
MHL		11/30/2007	0.00	626.03	Monthly equipment costs for November 2007
ONTRACK		12/20/2007	1.50	0.00	- repair rad door guard
ONTRACK		12/31/2007	1.00	0.00	- measure and get parts
MHL		12/31/2007	0.00	321.68	Monthly equipment costs for December 2007
MYCO		01/02/2008	2.00	48.88	Straighten out bent door frame
RCM		01/02/2008	3.00	0.00	Make mounts for air comp
ADAMS		01/02/2008	6.00	0.00	Horn

Vendor	Invoice	Date	Hours	Cost	Description
ADAMS		01/03/2008	12.00	0.00	Side door and mount horn
ONTRACK		01/03/2008	5.50	0.00	- make up air compressor kit, mount air compressor & horn, plump & wire up air horn, replair to side door
ONTRACK		01/03/2008	0.25	0.00	- pick up parts
ONTRACK		01/04/2008	5.00	0.00	- repair rad outer door & hing & latch, replace rad overflow tank, repair to lift cycl guard, make up 2 new guard clamps
ADAMS		01/04/2008	6.00	0.00	Boom guard
ONTRACK		01/21/2008	2.00	0.00	- free up frozen rollers
MYCO		01/21/2008	3.00	73.32	
ONTRACK		01/22/2008	0.50	0.00	- free up rollers top ones
MHL		01/31/2008	0.00	537.79	Monthly equipment costs for January 2008
ONTRACK		01/31/2008	0.50	0.00	- order filters
ONTRACK		02/05/2008	7.00	0.00	- change eng oil & filters, service hydr, change filter, remove broken clamp for steel pipes and replace with new ones
MYCO		02/22/2008	0.50	12.22	Blown hose on grapple
ONTRACK		02/25/2008	3.00	0.00	- replace grapple, pick up parts (pad bolts)
ONTRACK		02/28/2008	3.00	0.00	- remove main lift cyc
ONTRACK		02/28/2008	0.50	0.00	- remoe LH lift cycl
MHL		02/29/2008	0.00	819.75	Monthly equipment costs for February 2008
RCM		03/01/2008	6.00	0.00	Install lh lift cyl & guard, tighten pad bolts
JDM		03/01/2008	5.00	77.00	Put new lift cyl and guards on, tighten track pads
FIN10	SINV2646149	03/04/2008	0.00	1,556.00	FIN10 - Repair boom cyl
MHL		03/31/2008	0.00	494.09	Monthly equipment costs for March 2008
MYCO		03/31/2008	1.00	24.44	Blown hose
ONTRACK		04/01/2008	0.25	0.00	- pick up parts
MYCO		04/14/2008	8.00	195.52	Blown track hose
ONTRACK		04/14/2008	5.00	0.00	- check out travel hoses, replace 2 RH travel hose, clean out LH travel hose tube & check hose, add 7 pails of hydr oil
MHL		04/30/2008	0.00	1,416.24	Monthly equipment costs for April 2008
ONTRACK		05/06/2008	3.50	0.00	- change hoses on inter cooler

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		05/06/2008	2.50	0.00	- replace heater hose on intake inner cooler
ONTRACK		05/06/2008	3.00	0.00	- 500 hr service, oil-fuel-hydr filters
MYCO		05/06/2008	3.00	73.32	Blown rad hose
ONTRACK		05/07/2008	2.00	0.00	- blow out rad, replace air filter, repair hydr leak
ONTRACK		05/07/2008	2.00	0.00	- make up life cycl guard hold down strap, clean out small tool box
ONTRACK		05/14/2008	2.00	0.00	- braze up hydr pipe on top of boom
ONTRACK		05/20/2008	1.50	0.00	- replace 3 pad bolts, check out boom hydr pipe leak
ONTRACK		05/21/2008	4.00	0.00	- weld up hydr pipe on top of boom & repair hydr pipe, hold down clamp, weld up crack on grapple & heel
MYCO		05/22/2008	1.00	24.44	Blown hose
MYCO		05/23/2008	1.00	24.44	Repair leaking pipe
ONTRACK		05/23/2008	1.00	0.00	- weld up hydr pipe on boom
ONTRACK		05/26/2008	0.50	0.00	- pick up parts
ONTRACK		05/27/2008	2.00	0.00	- weld up hydr pipe on boom
MYCO		05/28/2008	1.50	36.66	Repair pipe leak on boom
ONTRACK		05/29/2008	3.00	0.00	- check out pilot hydr leak, make up pilot hose (travel)
MYCO		05/30/2008	3.50	85.54	Repair hyd leak
MHL		05/31/2008	0.00	947.19	Monthly equipment costs for May 2008
ONTRACK		06/02/2008	2.50	0.00	- check out hydr oil leak, replace travel hose oring on the roto union
MYCO		06/03/2008	3.00	73.32	Blown travel hose
MYCO		06/04/2008	2.00	48.88	Repair hyd pipe
ONTRACK		06/04/2008	5.00	0.00	- cut hydr piping & weld new pieces together, repaired damaged pipe
ONTRACK		06/05/2008	6.00	0.00	- put track back on in back end of block
MYCO		06/05/2008	6.00	146.64	Replace hyd pipe, replace thrown track, blown swing hose
MYCO		06/05/2008	2.00	48.88	Help put track back on
JDM		06/06/2008	2.00	28.00	New micro switches in RH side quad handle
MYCO		06/06/2008	1.50	36.66	Replace blown swing hose
MYCO		06/11/2008	1.50	36.66	Replace broken grapple pin

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		06/11/2008	2.00	0.00	- change top grapple cycl pin
ONTRACK		06/17/2008	1.50	0.00	- tight up 8 track pad bolts
ONTRACK		06/23/2008	3.00	0.00	- 250 hr service, tighten 4 pad bolts, blow out rad
MYCO		06/23/2008	2.00	50.34	Blown hose
MHL		06/30/2008	0.00	893.10	Monthly equipment costs for June 2008
ONTRACK		07/03/2008	2.00	0.00	- check out & repair eng throttle control, check fuel guage
ONTRACK		07/10/2008	0.50	0.00	- check out grapple dog bone pin
ONTRACK		07/10/2008	2.00	0.00	- check out stick hydr hoses, repalce 1 cycl hose, put track on RH top roller
ONTRACK		07/11/2008	3.00	0.00	- replace 1 short stick cycl hose, repair left cycl guard LH top support strap & nuts
B&L10	1455	07/11/2008	0.00	516.29	B&L10 - Repairs on grapple
MHL		07/31/2008	0.00	1,121.17	Monthly equipment costs for July 2008
JDM		08/22/2008	5.50	79.31	Disassemble grapple, grapple has a lot of cracks and cyl boss's are broken
MYCO		08/22/2008	0.25	9.44	Unload grapple
ONTRACK		08/26/2008	3.00	0.00	- remove lift cycl hose, measure & order new ones, block up boom stick, check & repair hose between boom stick
ONTRACK		08/27/2008	2.50	0.00	- replace stick cycl (rebuilt)
ONTRACK		08/28/2008	6.00	0.00	- replace stick cycl (rebuilt) bolt on stick cylc guage, check & wrap hoses between boom & stick, change hydr pipe on stick mounting block
JDM		08/28/2008	1.00	14.42	Cut & gouge on grapple
ONTRACK		08/29/2008	2.50	0.00	- repair boom stick steel hydr pipe clamp down, change oring on main valve bank
FIN10	SINV2810886	08/29/2008	0.00	2,451.84	FIN10 - Repair stick cyl
MHL		08/31/2008	0.00	1,849.65	Monthly equipment costs for August 2008
ONTRACK		09/02/2008	5.00	0.00	- change main lift cycl hoses (4), wrap hydr hoses between hose & stick, make & weld piss can bracket, mount fire ext
ONTRACK		09/04/2008	1.00	0.00	- change oring on grapple hose
MYCO		09/17/2008	1.00	25.17	Fix guard over main s
TER10	SSI/70004688	09/26/2008	0.00	538.20	TER10 - Diagnose for low travel power

Vendor	Invoice	Date	Hours	Cost	Description
MHL		09/30/2008	0.00	259.70	Monthly equipment costs for September 2008
ONTRACK		09/30/2008	8.50	0.00	- grapple leg, fab new plate for face, weld on leg, hard surface esge
ONTRACK		10/01/2008	6.50	0.00	- weld cracks in grapple leg, finish hard surfacing, clean up weld table area
ONTRACK		10/10/2008	0.50	0.00	- change hydr hose at foot of boom
ONTRACK		10/14/2008	8.50	0.00	- repair grapple leg, make new skin & weld cracks
MYCO		10/22/2008	1.00	25.17	Fixed pad
ONTRACK		10/22/2008	2.00	0.00	- replace 4 pad botls, check out hydr leak
ONTRACK		10/27/2008	0.50	0.00	- pick up parts
TER10	PSI/70032388	10/27/2008	0.00	524.46	TER10 - Filter element - WA104488
TER10	PSI/70032407	10/27/2008	0.00	518.34	TER10 - Kit - KO-20Y-62-A1150
TER10	PSI/70032594	10/28/2008	0.00	737.87	TER10 - Seal kit - KO-207-62-A1150
TER10	PSI/70032598	10/28/2008	0.00	-518.34	TER10 - Kit
ONTRACK		10/30/2008	2.00	0.00	- replaced 4 pad bolts, check out hydr leak
TER10	PSI/70033197	10/31/2008	0.00	533.14	TER10 -
MHL		10/31/2008	0.00	680.35	Monthly equipment costs for October 2008
ONTRACK		11/03/2008	0.50	0.00	- pick up parts
ONTRACK		11/04/2008	7.50	0.00	- 500 hr service, change hydr & air filter, weld on 2 bullet hinges to eng belly pan, remove travel collector, check out hoses
ONTRACK		11/05/2008	9.00	0.00	- reseal travel collector, change orings on upper travel hose, check out hydr hose, order 3 hoses, wrap hoses as needed, remove 2 steel pipe of boom to repair ends
ONTRACK		11/06/2008	6.00	0.00	- weld on 2 hose end on steel pipe alon boom, replace 3 hydr hose from valve bank to base of boom, make up bear paws for front of truck frame
ONTRACK		11/07/2008	5.00	0.00	- make up & weld on track frame bear paws
JDM		11/07/2008	1.00	18.00	cut out horn guard pieces for camp
ONTRACK		11/12/2008	1.00	0.00	- cut up steel for bear paw bracing

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		11/13/2008	6.50	0.00	- finish welding bear paw, weld on extra support plate, tighten up & replace bolt as needed
ONTRACK		11/18/2008	5.00	0.00	- bolt up belly pan, blow out rads, change eng water filter, check & tighten RH track pad bolts, clean up around
ONTRACK		11/28/2008	1.50	0.00	- replace LH quad handle (rotation button) & siren
MHL		11/30/2008	0.00	409.70	Monthly equipment costs for November 2008
ONTRACK		12/01/2008	1.00	0.00	- change LH quad handle 180, repair RH quad handle
ONTRACK		12/11/2008	2.00	0.00	- work on grapple repair
ONTRACK		12/12/2008	6.00	0.00	- grapple repair
ONTRACK		12/15/2008	6.50	0.00	- weld more cracks
B&L10	1620	12/22/2008	0.00	412.00	B&L10 - Mfg two induction harden grapple pins
MHL		12/31/2008	0.00	-395.40	Monthly equipment costs for December 2008
ONTRACK		01/12/2009	1.00	0.00	- check cab bolts, open cab door, order new key for ignition, old key broken
MYCO		01/26/2009	3.00	100.68	Hole in pipe on boom
ONTRACK		01/26/2009	2.00	0.00	- weld steel pipe on stick, pick up new clamps for tomorrow
ONTRACK		01/27/2009	2.00	0.00	- install new pipe clamps
MYCO		01/27/2009	1.50	37.76	Put new clamps on pipes on boom
ONTRACK		01/29/2009	4.00	0.00	- troubleshoot hydr problem, travel motor troubles, start unhooking
ONTRACK		01/30/2009	7.50	0.00	- remove final drive/travel motor, take to shop, get rebuilt motor, start to change, need some special tools, so shipped to SMS, talked to Dave
ONTRACK		01/30/2009	6.00	0.00	- split LH track, remove LH hydr drive motor & planetary assemb, take to shop & get ready to ship to CR
MHL		01/31/2009	0.00	197.36	Monthly equipment costs for January 2009
ONTRACK		02/02/2009	4.00	0.00	- drain hydr tank, remove & clean hydr tank suction pipes & screenes
ONTRACK		02/02/2009	5.00	0.00	- drain hydr oil, clean parts & pick up oil
ONTRACK		02/03/2009	8.00	0.00	- replace LH travel motor & planetary, clean out bottom of hydr tank, change hydr oil, fill LH planetary w/oil, button up LH tracks & replace master pin & 8 bolts, change RH planetary oil

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		02/03/2009	8.00	0.00	- install travel motor/final drive, weld up track frame, install track, change final drive oil
ONTRACK		02/04/2009	1.00	0.00	- change hydr filter, check over, all looks good
MYCO		02/04/2009	0.50	12.59	Changed hyd filter
TER10	SSI/70006528	02/04/2009	0.00	906.29	TER10 - Replace failed LH travel motor
MYCO		02/09/2009	1.00	25.17	Scott did a full service
ONTRACK		02/09/2009	3.50	0.00	- service eng, change hydr filter again, looks good
MHL		02/28/2009	0.00	1,733.91	Monthly equipment costs for February 2009
ONTRACK		03/12/2009	2.00	0.00	- repair quad handle, check seat & console broken strapped down w/tie down
MYCO		03/12/2009	1.00	25.17	Rotate switch, console
ONTRACK		03/19/2009	5.50	0.00	- grapple in shop, weld up cracks, start to fit bores & weld to frame, replace 3 of the threaded nuts
ONTRACK		03/20/2009	2.00	0.00	- grapple in shop, take to pin machine shop to make new one
MYCO		03/24/2009	0.75	18.88	Work on grapple
MYCO		03/25/2009	0.75	18.88	Grapple
MYCO		03/30/2009	1.00	25.17	Grapple
MHL		03/31/2009	0.00	546.43	Monthly equipment costs for March 2009
ONTRACK		04/03/2009	1.00	0.00	- grapple rotation relay problem fixed
MYCO		04/07/2009	0.50	12.59	
ONTRACK		04/15/2009	1.00	0.00	- weld up RH hand rail
LOS10	150610	04/15/2009	0.00	1,250.00	LOS10 - Mechanical suspension seat
ONTRACK		04/17/2009	1.50	0.00	- repair 2 hydr hose leak @ bottom top of boom, check out seat & air compressor
ONTRACK		04/20/2009	1.00	0.00	- weld up main grapple leg mounting pin lock
ONTRACK		04/27/2009	1.50	0.00	- weld up grapple leg pin lock
ONTRACK		04/28/2009	1.50	0.00	- repair broken bolt on grapple collector
MYCO		04/28/2009	1.50	37.76	Rotate motor fell out, tighten tracks (done by Big Al)
MYCO		04/30/2009	3.00	75.51	Powerwash, full service
ONTRACK		04/30/2009	2.50	0.00	- 500 hr service, unbolt car body belly pan to be washed & bolt back on
MHL		04/30/2009	0.00	465.56	Monthly equipment costs for April 2009

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		05/11/2009	2.00	62.93	Swivel fell out, Scott repaired
ONTRACK		05/11/2009	3.00	0.00	- put swivel back up into grapple, fix hydr leaks
ONTRACK		05/12/2009	1.00	0.00	- take up a tidy tank of fuel
ONTRACK		05/15/2009	2.00	0.00	- remove LHH main lift cycl & pin (sent to town to reasel & make up new pins)
MYCO		05/15/2009	4.00	100.68	Swivel fell out, blown hose on grapple, took main cyl off, took to Finning
PCM10	19706	05/21/2009	0.00	1,020.00	PCM10 - Linebore boom cyl anchor holes
FIN10	SINV3073715	05/27/2009	0.00	1,982.63	FIN10 - Repair lift/hoist cyl - CR5141
FIN10	SINV3073715	05/27/2009	0.00	1,777.38	FIN10 - Repair lift/hoist cyl - CR5142
FIN10	SINV3073715	05/27/2009	0.00	1,350.00	FIN10 - Supply 4 pins for lift/hoist cyls
MHL		05/31/2009	0.00	1,023.38	Monthly equipment costs for May 2009
MYCO		06/03/2009	1.00	25.17	
JDM		06/10/2009	1.00	18.00	Find oil leaks
MHL		06/30/2009	0.00	201.77	Monthly equipment costs for June 2009
TER10	SSI/70008060	07/10/2009	0.00	664.00	TER10 - Perform hydraulic setup
MYCO		07/13/2009	4.00	102.68	Weld cracked tracks, tighten bolts, full service
JDM		07/13/2009	5.00	100.98	Weld broken track rails, service eng
MHL		07/31/2009	0.00	152.36	Monthly equipment costs for July 2009
MYCO		08/19/2009	1.00	25.67	Track off - AI fixed
MHL		08/31/2009	0.00	80.00	Monthly equipment costs for August 2009
MYCO		09/21/2009	1.50	38.51	Short in wiring, change o-ring in grapple hose
ONTRACK		09/21/2009	2.00	0.00	- replace main power breaker fuse, clean up batteries, change oring on grapple roto-union fitting
MYCO		09/29/2009	3.00	77.01	Broken grapple cyl, relay switch, bolts in guard
JDM		09/29/2009	3.00	64.26	Change grapple cyl, change grapple hoses, bolt down walkway decking
ONTRACK		09/29/2009	0.25	0.00	- pick up parts
ONTRACK		09/30/2009	1.00	0.00	- check out grapple opening, replace relay
MHL		09/30/2009	0.00	2,358.93	Monthly equipment costs for September 2009
MHL		10/31/2009	0.00	807.56	Monthly equipment costs for October 2009

Vendor	Invoice	Date	Hours	Cost	Description
TER10	PSI/7006016 2	11/03/2009	0.00	455.93	TER10 - Fuel solenoid - KO 6742-01-0330
MYCO		11/03/2009	2.00	51.34	AI fixed shutoff switch and 2-way radio
ONTRACK		11/03/2009	2.50	0.00	- check out eng stop sol. & wiring, make up a eng stop cable, repair camp radio ant lead
ONTRACK		11/03/2009	0.25	0.00	- pick up parts
MYCO		11/04/2009	2.00	51.34	AI fixed shutoff switch, blown hose
JDM		11/04/2009	2.00	36.72	Change grapple hoses
ONTRACK		11/04/2009	1.00	0.00	- replace eng shut down sol
ONTRACK		11/04/2009	1.50	0.00	- replace 2 hydr hoses on grapple & order up spares
MYCO		11/12/2009	2.50	64.18	
ONTRACK		11/12/2009	2.00	0.00	- remove blown hose, Don took to town to have made
ONTRACK		11/13/2009	2.00	0.00	- install hydr hose, top up with oil
MHL		11/30/2009	0.00	848.92	Monthly equipment costs for November 2009
MYCO		12/07/2009	2.00	51.34	Help put track on
MYCO		12/07/2009	3.00	77.01	Put track back on
MYCO		12/21/2009	2.00	51.34	Grapple wouldn't open
TER10	PSI/7006698 4	12/29/2009	0.00	412.78	TER10 - Valve - A4D0132080302B1G0
JDM		12/30/2009	6.00	110.16	Service, change grapple valve, clean battery connections
MHL		12/31/2009	0.00	742.36	Monthly equipment costs for December 2009
JDM		01/02/2010	1.00	27.54	Change batteries
JDM		01/12/2010	1.00	18.36	Change grapple relay switch
ONTRACK		01/18/2010	3.00	0.00	- repalce heater fan motor & squirrel cages
ONTRACK		01/18/2010	0.20	0.00	- pick up parts
ONTRACK		01/19/2010	1.50	0.00	- replace 2 heater duct pipes inside riser
ONTRACK		01/19/2010	0.10	0.00	- pick up parts
MYCO		01/19/2010	1.00	25.67	Hook up heater hose
MHL		01/31/2010	0.00	571.63	Monthly equipment costs for January 2010
ONTRACK		02/02/2010	1.00	0.00	- straighten & weld Rh handrails
ONTRACK		02/03/2010	1.50	0.00	- replace steel hydr pipe hold down clamp on boom, shim up hydr pipe hold down clamps on boom

Vendor	Invoice	Date	Hours	Cost	Description
HYD10	10811	02/16/2010	0.00	995.11	HYD10 - Grapple rotate motor
MHL		02/28/2010	0.00	105.86	Monthly equipment costs for February 2010
MYCO		03/09/2010	1.50	57.76	
JDM		03/09/2010	2.00	50.00	Hyd problem
MHL		03/31/2010	0.00	261.47	Monthly equipment costs for March 2010
MYCO		04/01/2010	1.00	25.67	Weld pipe on boom
ONTRACK		04/21/2010	6.00	0.00	- clean dirt from both track frame, remove LH track, remove bottom roller rock guard
ONTRACK		04/21/2010	0.30	0.00	- pick up parts
TER10	PSI/70088064	04/21/2010	0.00	228.33	TER10 - Mount-striker, natural yellow
ONTRACK		04/22/2010	7.00	0.00	- finish removing LH rock guard, remove bottom LH load roller, repair broken bolt, remove LH idler, clean up track frame
ONTRACK		04/22/2010	1.00	0.00	- pick up parts
JDM		04/22/2010	10.00	220.00	undercarriage work
JDM		04/23/2010	9.00	190.00	undercarriage work
ONTRACK		04/23/2010	8.50	0.00	- remove RH track & rock guard, remove 7 RH bottom rollers & 2 top rollers, tap out LH bottom roller bolt holes, grind up LH track frame, reseal both sides slack adj, drain both final drive oil
ONTRACK		04/23/2010	0.50	0.00	- pick up parts
ONTRACK		04/26/2010	7.50	0.00	- grin up bottom of RH track frame, tap out roller bolt hole, put oil in both final drives, bolt up 7 bottom rollers & 2 drive sprockets
ONTRACK		04/26/2010	0.50	0.00	- pick & order parts
JDM		04/26/2010	9.00	190.00	undercarriage work
JDM		04/27/2010	9.00	190.00	
ONTRACK		04/27/2010	7.50	0.00	- torque RH track bottom roller bolt & drive sprocket, weld rock guard back on, repair cracks, bolt up LH track bottom rollers, make up new cross bar, pipe for RH rock guard rear
ONTRACK		04/27/2010	0.50	0.00	- pick up parts
ONTRACK		04/28/2010	7.50	0.00	- torque LH bottom roller bolts, weld on LH rock guard, clean up & repair front idler pockets
JDM		04/28/2010	9.00	190.00	
ONTRACK		04/29/2010	0.30	0.00	- pick up parts

Vendor	Invoice	Date	Hours	Cost	Description
TER10	PSI/7008941 5	04/29/2010	0.00	22,245.62	TER10 - parts
MHL		04/30/2010	0.00	80.00	Monthly equipment costs for April 2010
ONTRACK		04/30/2010	6.00	0.00	- repair front idler pockets on track frame
JDM		04/30/2010	8.00	170.00	undercarriage work
JDM		05/03/2010	9.00	190.00	undercarriage
ONTRACK		05/03/2010	6.00	0.00	- weld repairs to idler pockets on frame, replace 4 top wear plates & grind to fit
ONTRACK		05/04/2010	2.50	0.00	- change LH track idler, bolt to recoil spring, change LH top roller
ONTRACK		05/04/2010	0.50	0.00	- pick up parts
JDM		05/04/2010	6.00	130.00	undercarriage
JDM		05/05/2010	9.50	205.00	undercarriage
ONTRACK		05/05/2010	9.00	0.00	- pick up old bottom roller from 10k pit to beach scrap bin, replace RH idler bolt to recoil spring & install, replace Rh top roller, replace & put on LH & RH track rails, press in 2 new pins, adjust
ONTRACK		05/06/2010	5.00	0.00	- clean paint off track rail, grind up track pads bolt & torque pad bolts
JDM		05/06/2010	7.00	150.00	undercarriage
JDM		05/07/2010	9.00	190.00	undercarriage
ONTRACK		05/07/2010	9.00	0.00	- clean up track pads & rail, replace all pad bolts & torque pad bolts, clean up around machine
ONTRACK		05/10/2010	5.50	0.00	- finish bolting & torquing 16 track pads, repair to Rh outer bear paw, welding repair to LH front track frame, clean up around machine, take old part to beach & scrap bin
JDM		05/10/2010	9.00	190.00	undercarriage, pressure wash
MYCO		05/17/2010	1.00	25.67	Scott worked on AC
TER10	PSI/7009368 4	05/25/2010	0.00	2,142.66	TER10 - Pump fuel in - KO R6742-72-1110
MHL		05/31/2010	0.00	1,013.93	Monthly equipment costs for May 2010
MYCO		05/31/2010	1.00	25.67	Blown hose
TER10	SSI/7001342 1	06/08/2010	0.00	837.14	TER10 - Replace fuel pump
TER10	PSI/7009684 6	06/10/2010	0.00	939.25	TER10 - Exch turbo - R1307231H91

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		06/14/2010	6.00	0.00	- repair antenna base, reapi hydr pipe hold down at base of boom, replace eng turbo & mounting stud & nut, check over exhaust pipe
ONTRACK		06/14/2010	0.25	0.00	- pick up & drop off parts
ONTRACK		06/15/2010	3.00	0.00	- reseal RH quad (hydr), repair & replace hydr steel pipe hold down on boom
NIG10	A40004	06/22/2010	0.00	802.13	NIG10 - Supply and install glass
ONTRACK		06/23/2010	1.50	0.00	- open up front window guard to put in new window glass
MYCO		06/23/2010	2.00	51.34	Replace front window
MYCO		06/24/2010	2.50	64.18	Leaking hoses
ONTRACK		06/24/2010	1.00	0.00	- check & repair hydr leak
ONTRACK		06/24/2010	4.00	0.00	- find oil leaks, remove 2 hoses (hard spots to get at)
ONTRACK		06/25/2010	4.00	0.00	- install hoses, change orings
ONTRACK		06/25/2010	2.50	0.00	- wash machine
MHL		06/30/2010	0.00	1,074.47	Monthly equipment costs for June 2010
MHL		07/31/2010	0.00	568.27	Monthly equipment costs for July 2010
MYCO		08/11/2010	0.50	12.84	
MHL		08/31/2010	0.00	70.83	Monthly equipment costs for August 2010
MYCO		09/16/2010	1.50	38.51	Blown hose, welding
JDM		09/27/2010	1.00	20.00	New pipe clamp
ONTRACK		09/27/2010	1.00	0.00	- clamps on boom
MHL		09/30/2010	0.00	25.00	Monthly equipment costs for September 2010
ONTRACK		10/01/2010	2.00	0.00	- check out hydr leak, remove top swing motor hose
ONTRACK		10/01/2010	0.25	0.00	- pick up oil
MYCO		10/01/2010	1.50	38.51	Blown hose
MYCO		10/04/2010	2.00	64.18	Fix blown hose and change oil
ONTRACK		10/04/2010	4.00	0.00	- replace top hydr hose on swing motore, 250 hr service, repair rear & inter worklite, repair external lite
ONTRACK		10/07/2010	0.15	0.00	- pick up parts
ONTRACK		10/07/2010	0.50	0.00	- repalce 2 steel hydr pipe hold down clamps
MYCO		10/12/2010	1.00	25.67	
MHL		10/31/2010	0.00	978.15	Monthly equipment costs for October 2010

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		11/02/2010	1.00	25.67	Change hyd hose
JDM		11/10/2010	1.00	20.00	New pipe clamps
ONTRACK		11/10/2010	1.00	0.00	- install pipe clamps
MYCO		11/10/2010	1.00	25.67	Broken clamps on boom
MYCO		11/26/2010	3.50	89.85	New starter, clamps on boom, 2 blown hoses
MHL		11/30/2010	0.00	1,224.63	Monthly equipment costs for November 2010
ONTRACK		12/01/2010	1.00	0.00	- replace 2 oring on grapple hydr hose
ONTRACK		12/02/2010	1.00	0.00	- check out no starting, remove starter sol, tighten up grapple end plate bolts
ONTRACK		12/02/2010	1.00	0.00	- replace starter sol
MYCO		12/02/2010	4.00	102.68	Solenoid on starter
ONTRACK		12/08/2010	0.15	0.00	- parts
ONTRACK		12/09/2010	3.00	0.00	- 500 hr service, weld up lift cycl bottom pin lock, welding repair to grapple, change grease fitting on stick pin
MYCO		12/09/2010	2.00	51.34	Service, weld pins
JDM		12/28/2010	1.00	20.00	Weld leaking pipe
MHL		12/31/2010	0.00	284.77	Monthly equipment costs for December 2010
MYCO		01/03/2011	2.00	51.34	Tracks frozen, clamps on boom
ONTRACK		01/03/2011	2.00	0.00	- thaw out top rollers, replace 3 steel hydr pipe hold down clamp on boom
ONTRACK		01/05/2011	0.20	0.00	- parts
MYCO		01/05/2011	1.00	25.67	No throttle
ONTRACK		01/05/2011	1.00	0.00	- check & repair throtle motor arms & wiring
ONTRACK		01/06/2011	1.00	0.00	- replace injector throtle arm bolt, check temp guage
MYCO		01/17/2011	3.50	89.85	Looking at monitor clamps on boom
JDM		01/20/2011	2.00	40.00	Change monitor
TER10	PSI/70141220	01/20/2011	0.00	2,146.86	TER10 - Monitor pane - KO R7834-78-3002
JDM		01/21/2011	9.00	270.00	Put new drive line together, extract broken fittings, change air valve
MHL		01/31/2011	0.00	1,927.77	Monthly equipment costs for January 2011
MYCO		02/25/2011	2.50	64.18	Change grapple cyl, fix lights, 250hr service, fix hand rail and walkway

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		02/25/2011	4.50	0.00	- 250 hr service, repair LH hand rails, repair top work lites, check out grapple hydr leak, replace grapple hydr cyl tighten top deck panel bolts
ONTRACK		02/25/2011	0.50	0.00	- parts
MHL		02/28/2011	0.00	-1,130.50	Monthly equipment costs for February 2011
ONTRACK		03/14/2011	2.00	0.00	- replaced 6 hydr steel pipe hold down clamps on booms
ONTRACK		03/14/2011	1.50	0.00	- repair wiring along side of hydr pump
MYCO		03/14/2011	1.00	25.67	
ONTRACK		03/17/2011	0.50	0.00	- check out grapple tips
ONTRACK		03/18/2011	3.00	0.00	- welding repair to single leg tip on grapple, repair on grapple, repair stick pin, grease lines
MYCO		03/18/2011	2.00	51.34	Welding on grapple by Big Al
JDM		03/29/2011	1.00	22.00	Oil leak
JDM		03/31/2011	2.00	44.00	Pull swivel
MYCO		03/31/2011	3.00	77.01	Swivel fell out
MHL		03/31/2011	0.00	757.00	Monthly equipment costs for March 2011
MYCO		04/01/2011	2.00	51.34	New swivel, changed relay switches
JDM		04/01/2011	4.00	99.00	Change swivel and hoses
ONTRACK		04/14/2011	1.00	0.00	- (MERVILLE) remove log from top roller
FIN10	SINV3630489	04/15/2011	0.00	888.21	FIN10 - Repair swivel
MHL		04/30/2011	0.00	123.19	Monthly equipment costs for April 2011
MYCO		05/10/2011	2.00	51.34	
ONTRACK		05/10/2011	6.00	0.00	- remove grapple leg, take to shop, cut & straighten pin boss, weld back into leg, weld cracks
ONTRACK		05/11/2011	2.00	0.00	- clean up hoses, install bushings, take leg out to machine and install
MYCO		05/11/2011	1.00	25.67	
MYCO		05/18/2011	1.00	25.67	
ONTRACK		05/18/2011	1.00	0.00	- help change hose
MHL		05/31/2011	0.00	486.96	Monthly equipment costs for May 2011
MYCO		06/14/2011	1.00	25.67	Blown hose
MYCO		06/16/2011	1.00	25.67	Scott blew out rad, clamps on boom

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		06/21/2011	4.00	102.68	2 blown hoses
MHL		06/30/2011	0.00	430.93	Monthly equipment costs for June 2011
MYCO		07/05/2011	3.00	77.01	Shutoff stuck on
ONTRACK		07/06/2011	3.00	0.00	- work at get running, order parts
ONTRACK		07/07/2011	1.50	0.00	- replace shutoff solenoid, works good
TER10	PSI/7017607 3	07/08/2011	0.00	436.51	TER10 - Fuel solenoid - KO 6742-01-0330
ONTRACK		07/29/2011	0.50	0.00	- replace steel hydr hold down clamp
MHL		07/31/2011	0.00	157.11	Monthly equipment costs for July 2011
ONTRACK		08/04/2011	1.00	0.00	- check out swing gear oil level, change radio ant,
ONTRACK		08/05/2011	1.50	0.00	- check & repair hydr oil leak at base of boom
ONTRACK		08/19/2011	0.50	0.00	- check out swing gear oil level
ONTRACK		08/24/2011	0.25	0.00	- parts
ONTRACK		08/25/2011	0.25	0.00	- parts
ONTRACK		08/30/2011	0.30	0.00	- parts
ONTRACK		08/30/2011	3.00	0.00	- check out & replace grapple open relay, check out hydr leak on boom pipe, check out eng throttle motor
MYCO		08/31/2011	3.00	77.01	Oil change, clamps on boom, cab bolts, weld pipe on boom
ONTRACK		08/31/2011	4.50	0.00	- 500 hr service, weld up hydr steel pipe on top of boom, tighten & replace 2 cab mounting bolts, check out cab tilting, replace 2 steel hydr pipe hold down clamps
MHL		08/31/2011	0.00	295.53	Monthly equipment costs for August 2011
MYCO		09/28/2011	1.00	25.67	
ONTRACK		09/29/2011	1.00	0.00	- repair grease hose on end of stick, replace bolt on walk way over swing motor
MHL		09/30/2011	0.00	378.45	Monthly equipment costs for September 2011
ONTRACK		10/11/2011	3.00	0.00	- check out & repair heater motor & wiring, repair camp radio slider
MYCO		10/21/2011	2.00	51.34	Stick cyl taken off
KYLER		10/21/2011	6.00	0.00	Check loader, stick cyl leaking, bad leak so remove cyl for rebuild
KYLER		10/24/2011	5.00	0.00	Install stick cyl

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		10/31/2011	1.00	0.00	- fix heater, change switches
MHL		10/31/2011	0.00	365.54	Monthly equipment costs for October 2011
FIN10	960016993	11/03/2011	0.00	2,435.59	FIN10 - Repair stick cyl
WAJ10	N50413	11/04/2011	0.00	1,001.70	WAJ10 - Idler - UC9133956
WAJ10	N50413	11/04/2011	0.00	2,995.00	WAJ10 - Track adjuster - M8 9074013EX
MYCO		11/07/2011	2.00	51.34	Changed broken quad handle
ONTRACK		11/08/2011	10.00	0.00	- remove track idler and adjustor, install new one, had trouble getting adjustor to take grease, order new fittings
ONTRACK		11/09/2011	3.00	0.00	- try to install wipers missing parts, bent to back stop, order parts
NIG10	42349	11/11/2011	0.00	1,035.74	NIG10 - Supply and install window
KYLER		11/16/2011	4.00	0.00	Install upper wiper motor and mount and secure into position, discover lower wiper shaft broken, order parts
MYCO		11/17/2011	3.00	77.01	Fix windshield wipers, 250 hour service done by Shawn
KYLER		11/17/2011	4.50	0.00	250hr service, install wiper arm
NIC10	610492	11/29/2011	0.00	146.21	NIC10 - Repair radio, got wet
MHL		11/30/2011	0.00	1,486.50	Monthly equipment costs for November 2011
MYCO		12/02/2011	4.00	102.68	Blown hose, weld pipe on boom, fix clamps on boom, weld railing, fix wiper motor
KYLER		12/16/2011	2.00	0.00	Check high rise cab cyl, not operational, temp repair bottom cyl ear, will need to be replaced
MHL		12/31/2011	0.00	435.67	Monthly equipment costs for December 2011
MYCO		01/09/2012	3.00	77.01	Broken bulkhead fitting
MYCO		01/10/2012	2.00	51.34	Finish bulkhead fitting, hose
MYCO		01/12/2012	2.00	51.34	Frozen tracks, heated with tiger torch
KYLER		01/23/2012	1.50	0.00	Remove blown hyd line from valve bank to pilot control bank
KYLER		01/24/2012	1.50	0.00	Reinstall hyd line, top up hyd oil, run and test, no leaks found, reinstall decking
KYLER		01/27/2012	5.00	0.00	Check for hyd leaks, remove underside belly pan as it was caved in, check for leaks around centre swivel, troubleshoot hyd leaks, replace o-rings as necessary, load up belly pan for straightening
MYCO		01/27/2012	6.00	154.02	Look for hyd leaks

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		01/30/2012	0.50	12.84	took belly pan to press flat
MHL		01/31/2012	0.00	174.07	Monthly equipment costs for January 2012
B&L10	2654	02/03/2012	0.00	278.10	B&L10 - Press plate
KYLER		02/03/2012	1.50	0.00	Check out hyd leak, remove deck plating, pinpoint hyd leak from grapple switch to solenoid valve
KYLER		02/06/2012	12.50	0.00	Repair leaking grapple switch, reinstall belly pan ears, tack into position, straighten two bent ears, dry fit belly pan for proper mounting, remove after dry fit and weld ears in position
KYLER		02/07/2012	13.50	0.00	Complete belly pan install, arc out grapple pins, remove pins and replace grapple load locks, reweld pins and cracks, muck out rotec bearing, reseal bottom inspection plate, repack rotec
MYCO		02/07/2012	9.00	243.87	Assist Shawn with machine repairs
MYCO		02/08/2012	4.00	102.68	Grapple relay, trach adjuster
KYLER		02/08/2012	4.00	0.00	Troubleshoot grapple close circuit, replace relay, ok
ONTRACK		02/13/2012	1.00	0.00	- get grapple working
KYLER		02/16/2012	1.50	0.00	Check out heater switch operation (intermittent) found electrical spade terminal intermittent contact, recrimp, loosen cab mounting bolts and hand tighten for transport
MHL		02/29/2012	0.00	185.09	Monthly equipment costs for February 2012
KYLER		03/06/2012	2.00	0.00	Replace heater speed switch, was shorted out
MHL		03/31/2012	0.00	307.87	Monthly equipment costs for March 2012
MHL		04/30/2012	0.00	462.02	Monthly equipment costs for April 2012
MYCO		05/07/2012	1.50	38.51	Blown hose
MYCO		05/23/2012	3.50	89.85	
MHL		05/31/2012	0.00	98.79	Monthly equipment costs for May 2012
TER10	SSI/70031658	06/27/2012	0.00	956.10	TER10 - Diag for low power, rh travel motor needs replacin
MHL		06/30/2012	0.00	0.00	Monthly equipment costs for June 2012
ONTRACK		07/14/2012	6.00	0.00	- get started, get into position, slack track, remove pads & push pins
ONTRACK		07/16/2012	5.00	0.00	- drain hydr oil, block up machine, cut track guards, clear of sprockets, remove travel assembly
ONTRACK		07/18/2012	8.00	0.00	- remove center swivel, take apart and order parts
MHL		07/31/2012	0.00	1,705.79	Monthly equipment costs for July 2012

Vendor	Invoice	Date	Hours	Cost	Description
TER10	PSI/70266308	09/10/2012	0.00	1,865.48	TER10 - Seal ring assy (2) - 208-27-00210
MYCO		09/11/2012	1.00	26.18	Take hyd feed tank tube for service, wash parts
B&L10	633060	09/20/2012	0.00	208.57	B&L10 - Repair tube
MHL		09/30/2012	0.00	412.16	Monthly equipment costs for September 2012
ONTRACK		10/02/2012	9.00	0.00	- install track, install hydr oil, run up, change filter to clean out styl
ONTRACK		10/04/2012	0.25	0.00	- parts
ONTRACK		10/04/2012	2.50	0.00	- put RH track together, repalce RH & LH pad & bolts, grease up tracks, put on belly pan
ONTRACK		10/04/2012	3.50	0.00	- install belly pans and RH tracks, tighten, repair bolt holes
ONTRACK		10/09/2012	6.00	0.00	- service eng & hydr, blow out rad, change hydr filter back to standard
MHL		10/31/2012	0.00	925.00	Monthly equipment costs for October 2012
MYCO		11/23/2012	3.00	78.54	Weld pipe on boom, clamps on boom, guard on grapple cyl, new bolts on bracket for filters fixed horn
ONTRACK		11/26/2012	0.25	0.00	- parts
ONTRACK		11/29/2012	2.00	0.00	- tighten cab bolts, install nuts to stripped holes
MHL		11/30/2012	0.00	312.41	Monthly equipment costs for November 2012
ONTRACK		12/03/2012	0.20	0.00	- parts
ONTRACK		12/04/2012	2.50	0.00	- replace grapple cycl guard bolting bars, replace 6 bolts
TER10	SSI/70038856	12/14/2012	0.00	20,756.86	TER10 - Disassemble final drives, rebuild travel motors
MHL		12/31/2012	0.00	289.29	Monthly equipment costs for December 2012
MYCO		01/09/2013	7.50	209.44	Blow out travel hoses, flush travel system, drop belly pan, put track together, pump up track, test loader (working with Dave from SMS)
MYCO		01/17/2013	3.00	78.54	Blown hose
MHL		01/31/2013	0.00	540.94	Monthly equipment costs for January 2013
ONTRACK		02/04/2013	0.25	0.00	- parts
ONTRACK		02/05/2013	1.00	0.00	- remove big log stuck in top rollers
ONTRACK		02/18/2013	1.00	0.00	- remove big piece of wood stuck in top rollers
ONTRACK		02/19/2013	0.25	0.00	- parts

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		02/19/2013	1.00	26.18	Split fuel line, grapple pin
ONTRACK		02/19/2013	1.00	0.00	- replace grapple leg to cycl pin & weld up ear
ONTRACK		02/19/2013	1.50	0.00	- repair eng fuel leak
MHL		02/28/2013	0.00	667.23	Monthly equipment costs for February 2013
MYCO		03/19/2013	1.00	26.18	Blown hose
ONTRACK		03/19/2013	1.50	0.00	- replace hydr hose from valve bank to base of boom
ONTRACK		03/21/2013	0.50	0.00	- make up 2 hydr hoses
MYCO		03/22/2013	4.00	104.72	Service, fix lights, weld grapple (Scott)
ONTRACK		03/22/2013	6.00	0.00	- change eng oil & filters, weld cracks in grapple, order parts for water leak
ONTRACK		03/23/2013	3.00	0.00	- fix water leak in eng, drain coolant, change rad hose, test
MHL		03/31/2013	0.00	1,044.42	Monthly equipment costs for March 2013
MYCO		04/04/2013	3.00	78.54	Grapple close problem, Big Al changed coil
ONTRACK		04/04/2013	0.25	0.00	- parts
ONTRACK		04/04/2013	3.00	0.00	- check & repair grapple closing wiring & relays, remove control valve coil from grapple rotate, put on valve, replaced quad handle & screws
ONTRACK		04/05/2013	2.00	0.00	- replace grapple close valve coil, replace hydr tank lid base, repair RH top lift cycl guard clamp
MYCO		04/05/2013	1.00	26.18	Coil, guard on cyl etc
ONTRACK		04/16/2013	0.25	0.00	- parts
ONTRACK		04/22/2013	1.50	0.00	- cut, bend & weld pipe to heel rack teeth (for poles)
MHL		04/30/2013	0.00	257.39	Monthly equipment costs for April 2013
ONTRACK		05/10/2013	1.00	0.00	- check & repair grapple rotation wiring
ONTRACK		05/13/2013	1.00	0.00	- replace grapple rotation relay
KYLER		05/21/2013	2.00	0.00	Reweld hand rail right side of machine
MYCO		05/29/2013	1.00	26.18	
MHL		05/31/2013	0.00	622.58	Monthly equipment costs for May 2013
MYCO		06/03/2013	1.00	26.18	Blown hose
MYCO		06/06/2013	7.50	196.35	Change swivel, hose, motor wouldn't rev up
MYCO		06/07/2013	2.00	52.36	Change o-rings, tighten rotex bolts, still 5 broken off
MYCO		06/17/2013	4.00	106.80	New bolts in grapple rotex

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		06/17/2013	0.25	0.00	- parts
ONTRACK		06/17/2013	4.50	0.00	- remove 6 broken bolts on grapple rotex bearing assembly, put 20 new bolts in on side of rotex, check out stick hydr pipe clamp hold down
ONTRACK		06/18/2013	2.00	0.00	- weld on stick hydr pipe hold down clamp (2), repair horn wiring, replace 2 grease fittings
MYCO		06/18/2013	2.00	53.40	Clamps on boom, switch for horn and fuses
MYCO		06/21/2013	4.50	120.15	Swivel fell out, changed two hoses
ONTRACK		06/21/2013	0.35	0.00	- parts
ONTRACK		06/21/2013	4.00	0.00	- replace H bolt on grapple collector, replace 2 hydr hose, replace hydr hose from stick to grapple repair fitting, make up 2 guard plates for top of grapple
ONTRACK		06/22/2013	0.35	0.00	- parts
ONTRACK		06/22/2013	2.50	0.00	- 500 hr service, blow out rad, replace 2 plate guards on top of grapple
ONTRACK		06/26/2013	1.00	0.00	- replace 2 90 deg full fitting on heel
MYCO		06/26/2013	1.25	33.38	Change bulkhead fittings
MHL		06/30/2013	0.00	1,111.51	Monthly equipment costs for June 2013
TER10	SSI/7004182 1	07/01/2013	0.00	6,399.90	TER10 - Install new travel motor, rebuild final drive
MYCO		07/02/2013	1.00	26.70	Change leaky fittings and o-rings
ONTRACK		07/03/2013	1.00	0.00	- change oring in grapple swivel, tighten hoses
MYCO		07/17/2013	1.00	26.70	Blown hose
MHL		07/31/2013	0.00	322.63	Monthly equipment costs for July 2013
TER10	PSI/7035439 2	07/31/2013	0.00	447.51	TER10 - Spring - 207-43-68150
TER10	PSI/7035439 2	07/31/2013	0.00	1,305.48	TER10 - Motor assembly - 7834-40-3004
JDM		08/09/2013	2.00	0.00	Change dipstick tube
ONTRACK		08/13/2013	0.50	0.00	- parts
ONTRACK		08/13/2013	2.00	0.00	- weld up steel hydr pipe on top of boom, check out eng codes on dash & repair hydr pump wiring
MYCO		08/19/2013	6.50	173.55	Blown heater hoses
FIN10	960454905	08/21/2013	0.00	3,416.15	FIN10 - Repair heel cyl
MYCO		08/26/2013	1.25	33.38	Hoses

Vendor	Invoice	Date	Hours	Cost	Description
MHL		08/31/2013	0.00	1,324.93	Monthly equipment costs for August 2013
ONTRACK		09/04/2013	5.00	0.00	- fix broken pipe clamps, change them & adj pipes, find squeaky sound on boom circuit, RH cycl bishin shot, remove broken load lock, had trouble getting broken part out of cycl
JDM		09/04/2013	4.00	0.00	Service
ONTRACK		09/10/2013	2.00	0.00	- change grapplehose
MYCO		09/10/2013	1.00	26.70	Blown hose
JDM		09/11/2013	2.00	0.00	Radio problem
JDM		09/13/2013	1.00	0.00	Oil leak
MYCO		09/24/2013	1.00	26.70	Load locks changed
MYCO		09/26/2013	2.00	53.40	Welding on heel rack
MHL		09/30/2013	0.00	361.40	Monthly equipment costs for September 2013
MYCO		10/09/2013	1.50	40.05	Make 2 cab tilt locking pins
JDM		10/10/2013	2.00	0.00	Weld pipe
MYCO		10/15/2013	1.00	26.70	Blown hose
JDM		10/16/2013	1.00	0.00	Fix horn
JDM		10/22/2013	4.00	0.00	Boom problem
MYCO		10/22/2013	5.00	133.50	Boom cyls won't stay up
JDM		10/23/2013	11.00	0.00	Free boom spool, flush hyd circuit, change grapple rotate valve, service, change rotate motor
JDM		10/24/2013	8.00	0.00	Hyd problems, free spools in valve, flush hyd sys
MYCO		10/24/2013	8.00	213.60	Mains won't go up, no rotate
JDM		10/25/2013	2.00	0.00	Clean valves
JDM		10/29/2013	3.50	0.00	
ONTRACK		10/29/2013	4.00	102.00	diagnose hydr problem
ONTRACK		10/30/2013	4.50	114.75	diagnose boom creep
ONTRACK		10/30/2013	5.00	0.00	- check over hydr problem, take apart spool & clean, fix wiring & test, talk to Dave @ SMS
ONTRACK		10/31/2013	9.00	0.00	- take apart holding valve, check reliefs, leak test boom cycl, both cycl failed
ONTRACK		10/31/2013	4.50	114.75	diagnose boom coming down, inspect lockout for boom up
MHL		10/31/2013	0.00	3,145.64	Monthly equipment costs for October 2013

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		11/01/2013	8.50	223.13	move machine & take boom cylinders off
ONTRACK		11/01/2013	9.00	0.00	- work at removing boom cycl, pins seized, tried to remove then ended up cutting at pins, almost got the first one off
ONTRACK		11/02/2013	5.00	0.00	- remove boom cycl, cut pins out, take to finning
JDM		11/02/2013	5.00	0.00	Pull boom clys
ONTRACK		11/14/2013	9.00	242.25	clean hydr circuits for boom & grapple rotate & valving
JDM		11/14/2013	11.00	0.00	Flush hyd system, build up pin bosses
ONTRACK		11/25/2013	9.00	0.00	- install boom cycl & grapple rotate motor, test, walk out to lowbed area, pick up parts
ONTRACK		11/26/2013	1.00	0.00	- install new grease line
ONTRACK		11/26/2013	5.00	127.50	diagnose no power issue
ONTRACK		11/28/2013	6.00	153.00	diagnose no power issue
ONTRACK		11/28/2013	3.00	0.00	- work on hydr problem, test circuits & pressures
ONTRACK		11/29/2013	4.00	102.00	remove rotate motor valve
ONTRACK		11/29/2013	4.00	0.00	- work on valve bank hydr problem, remove rotate section
MHL		11/30/2013	0.00	2,331.67	Monthly equipment costs for November 2013
FIN10	960519694	12/03/2013	0.00	15,995.00	FIN10 - Rebuild 2 boom clys
MYCO		12/03/2013	0.25	10.01	Pack up valve bank and ship
HYD10	22503	12/11/2013	0.00	1,670.23	HYD10 - Inspect and repair valve section
ONTRACK		12/13/2013	8.00	204.00	Install valve section and test, load on lowbed
ONTRACK		12/13/2013	8.00	0.00	- install valve section for grapple rotate, top up oils, check pressures - came up some, still low on one side
ONTRACK		12/16/2013	4.00	102.00	Look at hyd issue
ONTRACK		12/16/2013	2.00	0.00	- change hydr filter, check machine plug in pumps, pull guarding off to work at valve bank
FIN10	960528468	12/16/2013	0.00	7,801.21	FIN10 - Repair two lift clys
ONTRACK		12/17/2013	6.00	0.00	- work on hydr, pull spool valve, check compensators, swap pump pressure hoses
ONTRACK		12/18/2013	4.00	102.00	Walk machine to work area, remove LS valves and clean out

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		12/18/2013	5.00	0.00	- work on hydr problem, found LS unloader valve jammed open w/small piece of metal, repair valve put it together and it works good
MHL		12/31/2013	0.00	616.49	Monthly equipment costs for December 2013
MYCO		01/03/2014	1.00	26.70	Leak
JDM		01/03/2014	3.00	0.00	Oil leaks, adjust valve
ONTRACK		01/09/2014	1.00	25.50	Look at wiper issue
JDM		01/09/2014	3.00	0.00	Oil leaks, fix grapple rotate, change relief
JDM		01/11/2014	3.00	0.00	Weld deck guarding
KYLER		01/20/2014	2.50	0.00	Change out leaking collector rings on grapple rotate motor
KYLER		01/22/2014	3.50	0.00	Check out charging sys, alternator faulty, remove, straighten cab guard at window with excavator and chain
KYLER		01/23/2014	0.50	0.00	Reinstall alt
JDM		01/27/2014	1.00	0.00	Blown hose
JDM		01/30/2014	4.00	0.00	Change link, straighten railing, tighten pad bolts
KYLER		01/31/2014	1.00	0.00	Repair oil leak in main valve
MHL		01/31/2014	0.00	1,352.36	Monthly equipment costs for January 2014
JDM		02/06/2014	1.50	0.00	Power problem
JDM		02/12/2014	3.00	0.00	Service, wiring problem
JDM		02/18/2014	2.00	0.00	Change light and antenna
ONTRACK		02/20/2014	2.00	0.00	- look for grapple pin, have a pin from beach sent up, cut ear to fit and pin length, weld in place
MYCO		02/24/2014	0.25	6.68	Unload replacement motor
MYCO		02/25/2014	0.25	6.68	Load engine
JDM		02/25/2014	3.00	0.00	Straighten head, oil leak
JDM		02/27/2014	3.00	0.00	Weld lock on boom cyl pin
MHL		02/28/2014	0.00	1,272.38	Monthly equipment costs for February 2014
JDM		03/06/2014	1.00	0.00	Put wiper on
NIG10	2186	03/07/2014	0.00	648.50	NIG10 - Supply and install windshield
JDM		03/12/2014	1.00	0.00	Install wiper linkage
ONTRACK		03/19/2014	0.15	0.00	- parts
ONTRACK		03/19/2014	2.00	0.00	- welding repairs to heel rack

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		03/21/2014	1.50	0.00	- replace 3 hydr pipe hold down clamp on boom, check out stuck hydr pipe hold down clamps
ONTRACK		03/21/2014	0.50	0.00	- remove unused #8 hydr hose from boom
ONTRACK		03/21/2014	0.25	0.00	- parts
ONTRACK		03/24/2014	2.00	0.00	- replace 2 dbl hydr steel pipe hold down clamps at back of stick
ONTRACK		03/24/2014	1.00	0.00	- straighten hydr steel pip on LH of rear side of stick
B&L10	938038	03/24/2014	0.00	146.77	B&L10 - Weld parts
ONTRACK		03/25/2014	1.00	0.00	- remove LH side outer steel hydr pipe (to suction pipe on end)
ONTRACK		03/26/2014	8.00	0.00	- section steel hydr pipe on top of boom LH outer, replace 4 set mounting clamps, 500 hrs service, repair AC pump wire, straighten RH hand rail & weld down, repair crack on RH boom ear on lift cycl
ONTRACK		03/26/2014	0.50	0.00	- parts
ONTRACK		03/27/2014	10.00	0.00	- help move down to road, weld up crack on RH lift cyc top ear, weld crack on stick cyl top ear, weld repair to grapple heel rack, make up & weld on heel rack side plate & support plate
ONTRACK		03/28/2014	3.00	0.00	- finish welding up grapple heel rack support plate
MHL		03/31/2014	0.00	905.02	Monthly equipment costs for March 2014
ONTRACK		04/01/2014	2.00	51.00	Fix stick cyl pin boss
JDM		04/01/2014	1.50	0.00	Weld stick pin eye
ONTRACK		04/02/2014	3.00	76.50	Finish off pin boss repair
JDM		04/02/2014	6.00	0.00	Weld stick eye pin
JDM		04/14/2014	3.50	0.00	Change swing oil, oil leak, change travel cover
JDM		04/18/2014	8.50	0.00	Weld heel, weld rock guards
JDM		04/24/2014	2.00	0.00	Change load locks
TER10	PSI/70430412	04/25/2014	0.00	725.10	TER10 - Valve assembly - 723-46-48100
MHL		04/30/2014	0.00	341.26	Monthly equipment costs for April 2014
ONTRACK		05/01/2014	6.00	186.90	Weld rock guard back on, fix A/C (needs switch ordered)
MYCO		05/06/2014	2.00	53.40	Swing motor, down
ONTRACK		05/07/2014	9.00	253.65	Remove swing motor and drive
MYCO		05/08/2014	1.50	40.05	Package rotate motor for shipping

Vendor	Invoice	Date	Hours	Cost	Description
NIG10	2272	05/09/2014	0.00	531.92	NIG10 - Replace glass
TER10	PSI/7043485 1	05/12/2014	0.00	5,689.13	TER10 - Swing motor - R706-77-01281
TER10	PSI/7043485 1	05/12/2014	0.00	858.29	TER10 - Bearing - 06000-22222
TER10	PSI/7043485 1	05/12/2014	0.00	2,295.00	TER10 - Bearing - 06000-22326
TER10	PSI/7043485 1	05/12/2014	0.00	1,900.18	TER10 - Bearing - 06000-22324
TER10	PSI/7043485 1	05/12/2014	0.00	8,509.42	TER10 - Shaft - 207-26-62180
TER10	PSI/7043698 0	05/20/2014	0.00	7,179.71	TER10 - Shaft - 207-26-54241
LEE10	926	05/20/2014	0.00	1,756.25	LEE10 - Repair swing drive
MHL		05/31/2014	0.00	3,006.64	Monthly equipment costs for May 2014
JDM		06/09/2014	1.00	0.00	Check track adjusters
JDM		06/12/2014	4.00	0.00	Change sprocket
ONTRACK		06/13/2014	1.00	0.00	- weld up LH rear rock guard, adj LH tracks
LEE10	949	06/16/2014	0.00	1,312.50	LEE10 - Rebuild swing gear box
JDM		06/19/2014	3.50	0.00	Oil leak, fuel leak
MYCO		06/20/2014	2.00	53.40	Blown swing hose
JDM		06/23/2014	3.00	0.00	Oil leak
JDM		06/26/2014	1.00	0.00	Blow out rads
TER10	PSI/7044825 2	06/30/2014	0.00	569.32	TER10 - Sprocket - 208-27-61210
MHL		06/30/2014	0.00	887.58	Monthly equipment costs for June 2014
KYLER		07/01/2014	7.00	0.00	Check a/c, dash switch faulty, order, l/s rock guard falling off inner and outer, arc out cracks and weld up
KYLER		07/02/2014	2.50	0.00	Check swing motor, overfull, unable to drain oil, check with SMS on condition (need to remove)
ONTRACK		07/02/2014	4.00	106.80	Help weld rock guard up , fix a/c
JDM		07/03/2014	9.00	0.00	Weld rock guards, check swing box, pull swing
ONTRACK		07/11/2014	10.00	302.50	Install swing drive and window
ONTRACK		07/14/2014	4.00	123.75	Install high speed travel solenoid, fix quad handle (switches and covers), change grapple close relay

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		07/14/2014	2.00	55.00	Grapple open problem, relay under cab
ONTRACK		07/16/2014	9.00	288.75	Remove final drive/travel motor (right)
MHL		07/31/2014	0.00	537.69	Monthly equipment costs for July 2014
NIG10	3281	07/31/2014	0.00	547.62	NIG10 - Supply and install window
ONTRACK		08/21/2014	4.00	123.75	Replace shutdown solenoid plug and diagnose for no start / no shutdown, repair harness and replace fuse
ONTRACK		08/28/2014	1.00	0.00	- mount fire ext on outside of step
MHL		08/31/2014	0.00	-2,142.84	Monthly equipment costs for August 2014
TER10	SSI/70085114	09/02/2014	0.00	23,568.02	TER10 - Replace rh travel motor, clean out hyd sys
ONTRACK		09/09/2014	0.25	0.00	- parts
ONTRACK		09/09/2014	1.00	0.00	- replace LH quad handle, replace horn air hose
ONTRACK		09/17/2014	2.00	55.00	Check A/C issue, top up system
MHL		09/30/2014	0.00	815.43	Monthly equipment costs for September 2014
ONTRACK		10/22/2014	0.50	0.00	- order & pick up filters for service
ONTRACK		10/23/2014	4.00	0.00	- service eng & hydr filters
MYCO		10/23/2014	2.00	55.00	500hr service, dig chunks out of rollers
MYCO		10/29/2014	2.00	55.00	Broken track
TER10	PSI/70480191	10/30/2014	0.00	4,576.24	TER10 - Idler/spring/adj ass - VA2783
MHL		10/31/2014	0.00	-2,248.08	Monthly equipment costs for October 2014
MYCO		11/03/2014	2.00	55.00	
MYCO		11/14/2014	3.00	82.50	Grapple wouldn't open
MYCO		11/17/2014	3.00	82.50	
JDM		11/24/2014	2.00	0.00	Change relays
MHL		11/30/2014	0.00	474.12	Monthly equipment costs for November 2014
JDM		12/02/2014	2.00	0.00	Check grapple problem
MYCO		12/02/2014	4.00	110.00	Broken link in track, grapple wouldn't open
JDM		12/03/2014	6.00	0.00	Change track link
JDM		12/04/2014	1.00	0.00	Blown hose
MYCO		12/04/2014	3.00	82.50	Blown hose
JDM		12/05/2014	4.00	0.00	Blown hose

Vendor	Invoice	Date	Hours	Cost	Description
JDM		12/08/2014	5.00	0.00	Change hoses, swing problem
ONTRACK		12/11/2014	4.00	0.00	- weld on LH track rock guard outside and inside
JDM		12/15/2014	3.00	0.00	Blown hose
JDM		12/16/2014	2.00	0.00	Weld pin
MYCO		12/22/2014	2.00	55.00	Would not swing
JDM		12/22/2014	3.00	0.00	Swing problem
MHL		12/31/2014	0.00	2,412.96	Monthly equipment costs for December 2014
JDM		01/06/2015	2.00	0.00	Engine problem
ONTRACK		01/08/2015	2.00	0.00	- install air intake elbow, check lite on dash, need to test swing circuit
ONTRACK		01/12/2015	3.00	0.00	- change oil & filters, change air cleaners, work on eng running problem
ONTRACK		01/16/2015	1.00	27.50	Fix grapple close, replaced switch (button was sticking)
MHL		01/31/2015	0.00	264.56	Monthly equipment costs for January 2015
MYCO		02/06/2015	1.50	41.25	Split in pipe on boom
ONTRACK		02/06/2015	2.00	55.00	Remove pipe for grapple open/close, get repair pipe
ONTRACK		02/06/2015	2.00	55.00	Fix AM/FM radio (was falling out)
ONTRACK		02/07/2015	2.00	82.50	Repair boom hyd pipe for grapple
KYLER		02/19/2015	0.50	0.00	Repair lower wiper arm
JDM		02/27/2015	3.00	0.00	Check swing
MHL		02/28/2015	0.00	707.69	Monthly equipment costs for February 2015
JDM		03/09/2015	2.00	0.00	Get unstuck
MYCO		03/09/2015	2.00	55.00	
JDM		03/10/2015	3.00	0.00	Swing problem, change load locks
JDM		03/11/2015	6.50	0.00	Change grapple
MYCO		03/11/2015	2.00	55.00	Change grapple
MYCO		03/12/2015	1.00	27.50	Leaks in grapple, weld pins
JDM		03/12/2015	2.00	0.00	Weld grapple, leaks
ONTRACK		03/17/2015	1.00	0.00	- find electrical smell, unhook jumper wire under dash
ONTRACK		03/19/2015	2.00	0.00	- go over repairs to eng, pick up burr bits and tap in Campbell River

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		03/19/2015	7.00	192.50	Hub blew apart, new fan and pulley
ONTRACK		03/19/2015	5.00	151.25	Get down from bush to road (fan hub fell off), try to remove bolts
MYCO		03/20/2015	0.75	20.63	Gather tools and parts for fan hub repair
ONTRACK		03/20/2015	4.00	0.00	- frind out broken bolts with carbides, very difficult
ONTRACK		03/23/2015	6.00	0.00	- repair mounting holes for fan belts, had to oversize but it worked good
ONTRACK		03/25/2015	9.00	0.00	- put front of eng back together, installl new belts, work on swing troubles, try to clear codes
MYCO		03/26/2015	0.50	13.75	Returned parts
ONTRACK		03/31/2015	3.00	0.00	- change over load locks into grapple, weld crack in heel
MYCO		03/31/2015	6.00	165.00	
MHL		03/31/2015	0.00	1,520.93	Monthly equipment costs for March 2015
TER10	PSI/70518414	03/31/2015	0.00	983.07	TER10 - Fan - 600635-7850
SWL10	12208	04/08/2015	0.00	3,081.95	SWL10 - Repair grapple
MYCO		04/08/2015	1.50	55.00	Crack in cylinder on boom
ONTRACK		04/08/2015	3.00	0.00	- find hydr leak - cycl cracked, remove & take to Finning
MYCO		04/09/2015	2.00	55.00	Blown hose
MYCO		04/10/2015	1.00	27.50	Crack in wire in quad handle
JDM		04/14/2015	11.50	0.00	Change heel cyl, weld rock guards
ONTRACK		04/14/2015	9.00	0.00	- install heel cycl, put rock guards back on, straighten one, lots of welding
FIN10	960839605	04/29/2015	0.00	2,112.62	FIN10 - Repair heel cyl
MHL		04/30/2015	0.00	53.33	Monthly equipment costs for April 2015
MYCO		05/07/2015	1.50	41.25	Fix AC
ONTRACK		05/07/2015	2.00	55.00	Fix AC and clean evaporator
ONTRACK		05/13/2015	2.00	55.00	Fix pipe clamps temporarily, needs new
ONTRACK		05/13/2015	1.00	27.50	Check crack on boom cyl pin boss
ONTRACK		05/14/2015	6.00	178.75	Check A/C for not working, needs recharge, diagnose for no power (no boost pressure lock), change fuel filters and check air cleaner
MYCO		05/14/2015	2.00	55.00	Lost power

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		05/19/2015	4.50	137.50	Change pipe clamps on boom, fix pipe leak, pressure test A/C system and recharge
ONTRACK		05/19/2015	4.00	0.00	- recharge a/c and replace a bunch of pipe clamps, weld a hydr pipe
ONTRACK		05/22/2015	3.00	110.00	500hr service, change waste gate actuator
MYCO		05/22/2015	1.50	41.25	500hr service
MHL		05/31/2015	0.00	981.74	Monthly equipment costs for May 2015
KYLER		06/23/2015	4.00	0.00	Pressure test AC system to check for leaks, soap down connections, start to clean under cab
ONTRACK		06/30/2015	5.00	0.00	- fit rock guard & weld on
MHL		06/30/2015	0.00	239.33	Monthly equipment costs for June 2015
ONTRACK		07/02/2015	7.00	0.00	- repair cab tilt cycl, weld new ear to anchor cycl down, look for hydr leak under cab, foun hoses pinched
MHL		07/31/2015	0.00	53.33	Monthly equipment costs for July 2015
MHL		08/31/2015	0.00	53.33	Monthly equipment costs for August 2015
MHL		09/30/2015	0.00	2,498.15	Monthly equipment costs for September 2015
MAC10	210156	10/11/2015	0.00	38.00	MAC10 - Angle
ONTRACK		10/19/2015	3.00	0.00	- remove hydr hose
ONTRACK		10/20/2015	3.00	0.00	- install hydr hose, top up with oil tank
ONTRACK		10/23/2015	0.30	0.00	- parts
MHL		10/31/2015	0.00	1,527.44	Monthly equipment costs for October 2015
ONTRACK		11/19/2015	1.00	0.00	- remove heater fan & switch from komastu parts loader ex bear lake logging
ONTRACK		11/21/2015	2.00	0.00	- check out heater blower fan wiring, remove fan assem, weld up RH hand rail
ONTRACK		11/21/2015	3.00	0.00	- 500 hr service, change air filters, replace cab aux fan, replace outside door latch & stricker, repair mounting bolt holes
MYCO		11/24/2015	2.00	56.10	Blown hose
MHL		11/30/2015	0.00	1,772.09	Monthly equipment costs for November 2015
MYCO		12/14/2015	3.00	84.15	Welded tips on grapple
ONTRACK		12/14/2015	4.00	0.00	- weld on grapple tips
MHL		12/31/2015	0.00	40.00	Monthly equipment costs for December 2015
MYCO		01/20/2016	1.00	28.05	

Vendor	Invoice	Date	Hours	Cost	Description
JDM		01/20/2016	2.50	0.00	Fix radio
ONTRACK		01/22/2016	1.00	0.00	- replace hydr hose from valve bank to boom, repair top work lite wiring
ONTRACK		01/22/2016	1.00	0.00	- check out hydr leak, remove hydr hose
MYCO		01/22/2016	4.00	112.20	Blown hose
MYCO		01/27/2016	4.00	112.20	Relay switch, blown hose
ONTRACK		01/27/2016	3.00	0.00	- fix grapple close, find oil leak, change hydr hose, had to make a long one work
ONTRACK		01/29/2016	1.00	0.00	- weld grapple leg pin
MYCO		01/29/2016	1.00	28.05	Pin needed welding
MHL		01/31/2016	0.00	1,702.99	Monthly equipment costs for January 2016
ONTRACK		02/11/2016	2.00	0.00	- fill up with hydr oil, find blown hose, change with one from under cab
MHL		02/29/2016	0.00	1,525.09	Monthly equipment costs for February 2016
ONTRACK		03/10/2016	1.50	0.00	- tighten up counter weight bolt & check out missing bolt
MHL		03/31/2016	0.00	77.45	Monthly equipment costs for March 2016
ONTRACK		04/06/2016	0.10	0.00	- parts
MYCO		04/19/2016	3.50	98.18	No AC, red light flashing
MYCO		04/26/2016	1.50	42.08	Maintenance
MHL		04/30/2016	0.00	654.64	Monthly equipment costs for April 2016
MYCO		05/03/2016	1.75	49.09	
MYCO		05/06/2016	1.00	28.05	
MYCO		05/13/2016	3.00	84.15	
MYCO		05/31/2016	3.00	84.15	
MHL		05/31/2016	0.00	1,053.09	Monthly equipment costs for May 2016
HODGE		06/14/2016	4.00	0.00	Install tin work / body panels on l/h side
HODGE		06/15/2016	4.00	0.00	Swap hood from parts machine, space off latch, hood slightly bent but better shape than old hood
MHL		06/30/2016	0.00	40.00	Monthly equipment costs for June 2016
MHL		07/31/2016	0.00	40.00	Monthly equipment costs for July 2016
MHL		08/31/2016	0.00	40.00	Monthly equipment costs for August 2016
MHL		09/30/2016	0.00	40.00	Monthly equipment costs for September 2016

Vendor	Invoice	Date	Hours	Cost	Description
MHL		10/31/2016	0.00	32.31	Monthly equipment costs for October 2016
MHL		11/30/2016	0.00	32.29	Monthly equipment costs for November 2016
ONTRACK		01/06/2017	1.50	100.42	- get heater to work
ONTRACK		01/23/2017	0.50	25.50	- look for slifer radio (taken from G8)
ONTRACK		01/23/2017	0.50	0.00	- look for slifer radio (taken from G8)
ONTRACK		01/30/2017	0.25	0.00	- parts
ONTRACK		01/30/2017	0.25	12.75	- parts
MHL		01/31/2017	0.00	171.92	Monthly equipment costs for January 2017
ONTRACK		02/07/2017	0.35	0.00	- parts / drop off oil samples
ONTRACK		02/07/2017	3.00	0.00	- 500 hr service, change 2 air filters, check out a/c belt, check out hi eng idle
ONTRACK		02/07/2017	3.00	153.00	- 500 hr service, change 2 air filters, check out a/c belt, check out hi eng idle
ONTRACK		02/07/2017	0.35	17.85	- parts / drop off oil samples
ONTRACK		02/08/2017	0.30	15.30	- parts
ONTRACK		02/08/2017	0.30	0.00	- parts
ONTRACK		02/09/2017	1.50	0.00	- replace rad over flow hose to take up tank, replace coolant filter, add coolant
ONTRACK		02/09/2017	1.50	76.50	- replace rad over flow hose to take up tank, replace coolant filter, add coolant
MYCO		02/20/2017	1.00	35.94	Make up fuel tank vent cap
ONTRACK		02/24/2017	0.25	0.00	- parts
ONTRACK		02/24/2017	1.00	0.00	- trim grapple tips, check out grapple load locks,
ONTRACK		02/24/2017	1.00	51.00	- trim grapple tips, check out grapple load locks,
ONTRACK		02/24/2017	0.25	12.75	- parts
ONTRACK		02/27/2017	1.00	51.00	- check out hydr oil leak & grapple cyc load lock, remove steel hydr pipe on top of boom & 2 bad hydr hose at base of boom
ONTRACK		02/27/2017	0.25	12.75	- parts
ONTRACK		02/28/2017	6.00	306.00	- make up & weld on patch pipe on steel hydr that was welded up, replace 2 grapple cycl load lock valves, replace 2 missing bolts on grapple eng & side covers, replace 4 hydr hose at base of boom
MHL		02/28/2017	0.00	1,223.33	Monthly equipment costs for February 2017

Vendor	Invoice	Date	Hours	Cost	Description
KYLER		03/02/2017	7.00	517.30	Fuel leak, braze hole in pipe fuel return, hand rail, load locks on grapple
ONTRACK		03/03/2017	2.00	102.00	- weld up hydr steel pipe on top of boom
ONTRACK		03/09/2017	4.00	204.00	- remove steel hydr pipe on top of boom, remove steel hydr pipe off of used loader in bone yard, straighten RH side grab handle
ONTRACK		03/09/2017	0.10	5.10	- parts
ONTRACK		03/14/2017	1.00	0.00	- repair RH quad handle wiring, check out grapple opening wiring & valve
ONTRACK		03/14/2017	1.00	51.00	- repair RH quad handle wiring, check out grapple opening wiring & valve
ONTRACK		03/16/2017	2.00	102.00	- replace RH quad handle assem & wire, replace grapple opening relay, make sure grapple opens & closes, look for hydr sensor on old used loader in bone yard
ONTRACK		03/16/2017	2.00	0.00	- replace RH quad handle assem & wire, replace grapple opening relay, make sure grapple opens & closes, look for hydr sensor on old used loader in bone yard
ONTRACK		03/17/2017	0.50	25.50	- replace pressure sensor by grapple controler valves
ONTRACK		03/17/2017	0.50	0.00	- replace pressure sensor by grapple controler valves
ONTRACK		03/31/2017	0.15	0.00	- parts
MHL		03/31/2017	0.00	81.27	Monthly equipment costs for March 2017
ONTRACK		03/31/2017	0.15	7.65	- parts
ONTRACK		04/06/2017	0.25	12.75	- parts
ONTRACK		04/06/2017	0.25	0.00	- parts
ONTRACK		04/10/2017	1.50	0.00	- check out hydr oil leak on steel pipe on boom, remove steel pipe & weld crack on end
ONTRACK		04/10/2017	1.50	76.50	- check out hydr oil leak on steel pipe on boom, remove steel pipe & weld crack on end
ONTRACK		04/11/2017	6.50	331.50	- clamp stell hyd pipe back on top of boom, make sure it didn't leak, check steel hydr pipe on top of stick, remove 2 pipe & weld ends, service eng
ONTRACK		04/11/2017	6.50	0.00	- clamp stell hyd pipe back on top of boom, make sure it didn't leak, check steel hydr pipe on top of stick, remove 2 pipe & weld ends, service eng
ONTRACK		04/26/2017	1.50	76.50	- bolt up grapple collector, check for leaks, replace grapple hose fitting oring
MHL		04/30/2017	0.00	151.69	Monthly equipment costs for April 2017

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		05/02/2017	1.00	51.00	- find extra pad bolts
ONTRACK		05/09/2017	2.00	102.00	- repairs to grapple collector, replace 2 grapple cycl hose & 4 mouting bolts
ONTRACK		05/09/2017	2.00	0.00	- repairs to grapple collector, replace 2 grapple cycl hose & 4 mouting bolts
MHL		05/31/2017	0.00	214.53	Monthly equipment costs for May 2017
ONTRACK		06/02/2017	3.00	153.00	- check & tighten LH track pad bolts, replace 12 pad bolts
ONTRACK		06/05/2017	5.50	280.50	- check & tighten & replace RH track pad bolt, adj both side of tracks & frames, check out hydr oil leak at end of stick, repair steel hydr pipe clamp under boom
ONTRACK		06/05/2017	0.50	25.50	- parts
ONTRACK		06/06/2017	2.50	127.50	- repair camp radio bracket, mount am/fm ant, weld on 2 rod to main lift cycl quard top wrap around straps
ONTRACK		06/06/2017	5.00	255.00	- repair top wiper motor assemb, remove broken bolts, remove bottom wiper crack to wiper arm, repair bottom wiper & wiring, clean out cab, glue foam to inside walls, replace oring on dump cycl hose
ONTRACK		06/06/2017	0.50	25.50	- parts
ONTRACK		06/12/2017	2.00	102.00	- replace bottom wiper motor (used remove from other loader) replaced wiper arm crank assem, set up wiper arm
WRENCH		06/29/2017	0.50	41.25	Pick up parts
MHL		06/30/2017	0.00	151.44	Monthly equipment costs for June 2017
ONTRACK		07/04/2017	0.50	0.00	- replace rubber latch on escape hatch
ONTRACK		07/04/2017	0.50	25.50	- replace rubber latch on escape hatch
SWL10	15695	07/14/2017	0.00	937.10	SWL10 - Repair grapple
MHL		07/31/2017	0.00	32.29	Monthly equipment costs for July 2017
MHL		08/31/2017	0.00	32.29	Monthly equipment costs for August 2017
MHL		09/30/2017	0.00	32.29	Monthly equipment costs for September 2017
MHL		10/31/2017	0.00	30.63	Monthly equipment costs for October 2017
ONTRACK		11/09/2017	1.00	66.95	- fix hood safety rod
MHL		11/30/2017	0.00	30.67	Monthly equipment costs for November 2017
MHL		12/31/2017	0.00	30.67	Monthly equipment costs for December 2017

Vendor	Invoice	Date	Hours	Cost	Description
MHL		01/31/2018	0.00	30.67	Monthly equipment costs for January 2018
MHL		02/28/2018	0.00	30.67	Monthly equipment costs for February 2018
ONTRACK		03/05/2018	3.00	200.85	- fix quad handle, repair oil leak
MHL		03/31/2018	0.00	138.67	Monthly equipment costs for March 2018
ONTRACK		04/10/2018	1.00	66.95	- figure out why it shut down, order parts
WRENCH		04/12/2018	2.00	165.00	Change out fuel solenoid, run and test, good
MHL		04/30/2018	0.00	529.01	Monthly equipment costs for April 2018
WRENCH		05/08/2018	4.00	330.00	Diag and repair for loss of throttle control, harness had small bare spots that were shorting
WRENCH		05/22/2018	9.00	742.50	Repair cracked grapple tine, reinforce grapple
WRENCH		05/23/2018	4.00	330.00	Continue repairing grapple, build up worn spots
MHL		05/31/2018	0.00	69.46	Monthly equipment costs for May 2018
WRENCH		06/06/2018	4.00	330.00	Grapples only rotates one way, check handle/switch/wiring, all appear ok, find blown fuse in box under cab, no change, change out relay, works correctly, put machine back together
MHL		06/30/2018	0.00	30.67	Monthly equipment costs for June 2018
MHL		07/31/2018	0.00	30.67	Monthly equipment costs for July 2018
MHL		08/31/2018	0.00	30.67	Monthly equipment costs for August 2018
MHL		09/30/2018	0.00	30.67	Monthly equipment costs for September 2018
MHL		10/31/2018	0.00	224.03	Monthly equipment costs for October 2018
MHL		11/30/2018	0.00	30.67	Monthly equipment costs for November 2018
MYCO		12/14/2018	0.50	20.48	Hose
MHL		12/31/2018	0.00	30.67	Monthly equipment costs for December 2018
MHL		01/31/2019	0.00	30.67	Monthly equipment costs for January 2019
MHL		02/28/2019	0.00	30.67	Monthly equipment costs for February 2019
ONTRACK		03/06/2019	2.00	140.24	- remove starter, order new one
ONTRACK		03/07/2019	3.00	210.36	- install starter, check wiring
ONTRACK		03/22/2019	1.00	70.12	- wash down under carriage
MHL		03/31/2019	0.00	30.67	Monthly equipment costs for March 2019
MHL		04/30/2019	0.00	434.65	Monthly equipment costs for April 2019
MHL		05/31/2019	0.00	30.67	Monthly equipment costs for May 2019
MHL		06/30/2019	0.00	30.67	Monthly equipment costs for June 2019

Vendor	Invoice	Date	Hours	Cost	Description
MHL		07/31/2019	0.00	30.67	Monthly equipment costs for July 2019
MHL		08/31/2019	0.00	30.67	Monthly equipment costs for August 2019
MHL		09/30/2019	0.00	30.67	Monthly equipment costs for September 2019
MHL		10/31/2019	0.00	35.38	Monthly equipment costs for October 2019
MHL		11/30/2019	0.00	35.42	Monthly equipment costs for November 2019
MHL		12/31/2019	0.00	35.42	Monthly equipment costs for December 2019
MHL		01/31/2020	0.00	35.42	Monthly equipment costs for January 2020
MHL		02/29/2020	0.00	35.42	Monthly equipment costs for February 2020
MYCO		03/04/2020	0.50	21.10	
MHL		03/31/2020	0.00	35.42	Monthly equipment costs for March 2020
MHL		04/30/2020	0.00	35.42	Monthly equipment costs for April 2020
MHL		05/31/2020	0.00	35.42	Monthly equipment costs for May 2020
MHL		06/30/2020	0.00	35.42	Monthly equipment costs for June 2020
MHL		07/31/2020	0.00	35.42	Monthly equipment costs for July 2020
MHL		08/31/2020	0.00	35.42	Monthly equipment costs for August 2020
MHL		09/30/2020	0.00	35.42	Monthly equipment costs for September 2020
MHL		10/31/2020	0.00	37.50	Monthly equipment costs for October 2020
MHL		11/30/2020	0.00	37.50	Monthly equipment costs for November 2020
MHL		12/31/2020	0.00	37.50	Monthly equipment costs for December 2020
MHL		01/31/2021	0.00	37.50	Monthly equipment costs for January 2021
MYCO		02/10/2021	0.50	21.52	AJ checked air filters, need replacing
ONTRACK		02/11/2021	1.50	84.75	- swap VHF radio out & check antenna
MYCO		02/11/2021	0.50	21.52	AJ replaced air filters, changed camp radio
ONTRACK		02/12/2021	0.50	28.25	- thaw starter relay, get running
MHL		02/28/2021	0.00	199.60	Monthly equipment costs for February 2021
MHL		03/31/2021	0.00	37.50	Monthly equipment costs for March 2021
ONTRACK		04/28/2021	2.00	140.24	- go up to the Y and fix grapple open & close
MHL		04/30/2021	0.00	37.50	Monthly equipment costs for April 2021
MHL		05/31/2021	0.00	37.50	Monthly equipment costs for May 2021
ONTRACK		06/16/2021	3.00	169.50	- trim new pin to fit grapple & install, diagnose radio shutting off, clean water out of antenna, look at no a/c & try to find belt

Vendor	Invoice	Date	Hours	Cost	Description
MYCO		06/17/2021	1.50	65.88	Replaced grapple pin, work on A/C
MYCO		06/22/2021	1.00	43.92	AJ worked on A/C
ONTRACK		06/22/2021	2.00	113.00	- install a/c belt, change high side valve core, check for leaks & vacuum a/c system & charge, check operation
MYCO		06/28/2021	1.50	65.88	A/C, plate on grapple
ONTRACK		06/28/2021	2.50	141.25	- vacuum a/c system & charge, try to find leak, reseal connections, diagnose no power to clutch, repair broken wire, r&r a/c switch in cab
ONTRACK		06/29/2021	1.50	84.75	- r&r compressor clutch
MYCO		06/29/2021	1.50	65.88	A/C
MYCO		06/30/2021	0.50	21.96	AJ fixed radio
MHL		06/30/2021	0.00	37.50	Monthly equipment costs for June 2021
MYCO		07/05/2021	0.50	21.96	Scott repaired fuel line
ONTRACK		07/05/2021	1.00	70.12	- repair fuel leak
ONTRACK		07/08/2021	1.00	56.50	- check for leaks in a/c
MHL		07/31/2021	0.00	221.90	Monthly equipment costs for July 2021
MHL		08/31/2021	0.00	37.50	Monthly equipment costs for August 2021
MHL		09/30/2021	0.00	37.50	Monthly equipment costs for September 2021
ONTRACK		10/19/2021	1.00	70.12	- move into sort and put it to work
ONTRACK		10/20/2021	2.00	140.24	- stopped running shut down, go check wiring, found exhaust pipe blown out and putting hot exhaust onto starter relay, it started up, moved off sort & put L14 back out there
ONTRACK		10/21/2021	2.50	175.30	- remove burned out exhaust pipe, priced out parts, very expensive, hard to get or find
MYCO		10/21/2021	0.50	21.96	Electrical
ONTRACK		10/26/2021	3.00	210.36	- remove cast expansion joint, clean & remove seized ring, install new ring, found a piece of pipe at shop, cut old pipe flange end & weld to new pipe
ONTRACK		10/27/2021	2.50	175.30	- install exhaust pipe & muffler
MHL		10/31/2021	0.00	619.90	Monthly equipment costs for October 2021
MHL		11/30/2021	0.00	-427.87	Monthly equipment costs for November 2021
MYCO		12/07/2021	1.00	43.92	Replace hyd hose
ONTRACK		12/07/2021	1.00	56.50	- remove bad grapple hose & get new one

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		12/08/2021	2.50	175.30	- install grapple hoses
MHL		12/31/2021	0.00	924.99	Monthly equipment costs for December 2021
ONTRACK		01/28/2022	1.00	70.12	- move back to sort, stoke fire
CRO10	30114	01/31/2022	0.00	489.00	CRO10 - Starter - STR-4303
ONTRACK		02/01/2022	2.00	140.24	- remove starter, pick up new one in town
ONTRACK		02/02/2022	2.00	140.24	- get stared on installing starter, move out of way, will test shut down circuit tomorrow
ONTRACK		02/09/2022	1.50	84.75	- r&r eng shutdown
MYCO		02/17/2022	0.50	21.96	Put grapple pin back in
MHL		04/30/2022	0.00	30.90	Monthly equipment costs for April 2022
ONTRACK		08/03/2022	1.00	72.22	- go to sort to check over shut down problem but couldn't see anything
ONTRACK		08/08/2022	1.00	72.22	- blow out rad & air cleaner
ONTRACK		08/08/2022	1.00	58.20	- look for fuel filters
ONTRACK		08/09/2022	2.00	116.40	- r&r fuel filters, bleed injectors & fuel filters
MYCO		08/09/2022	1.00	46.23	
ONTRACK		08/12/2022	1.50	87.30	- r&r grapple hose, make hose
MHL		08/31/2022	0.00	27.88	Monthly equipment costs for August 2022
ONTRACK		10/28/2022	2.00	116.40	- diagnose no charge light on, look for alternator, set up genset & charger on machine, order new alternator
ONTRACK		10/31/2022	2.00	116.40	- r&r alternator, take generaotr & charger back to shop
MHL		10/31/2022	0.00	295.00	Monthly equipment costs for October 2022
ONTRACK		12/13/2022	3.00	216.66	- untahw starter with torch, start up machine, warm up hydr
ONTRACK		06/12/2023	1.50	87.30	- diagnose no grapple close, r&r relay, repair wire in Rh arm rest
ONTRACK		06/22/2023	1.00	58.20	- look over LH track for broken link, worn idler, clean grease around adj, adj tracks
ONTRACK		08/28/2023	1.00	72.22	- order belt for eng, remove what was left
ONTRACK		08/30/2023	3.50	203.70	- install fan belt, clean out cab, top off a/c & check operations
MHL		08/31/2023	0.00	231.20	Monthly equipment costs for August 2023

Vendor	Invoice	Date	Hours	Cost	Description
ONTRACK		11/29/2023	3.00	216.66	- no start, hook up carnger but more going on, found cab tilt runing draw in batteries down, unhook it then able to start