

Full Tilt Heavy Equipment Repair Ltd.

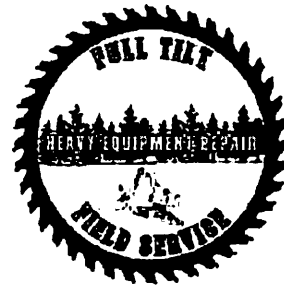
Barhead AB

7802820224

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GST/HST Registration No.: 72449 1022RT0001

W14-1
Aug



INVOICE

BILL TO

Martushev Logging Ltd

10458 Mayfield Rd NW

Edmonton AB T5P4P4

INVOICE 1043
DATE 15/11/2025
TERMS Net 15
DUE DATE 30/11/2025

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
01/11/2025	Mobile Service	872G Grader- buff moldboard, install sandvik boards. Knock out old sandvik teeth and install new ones. Double nut sandvik boards. tt14- check unit wont start, unit requires boost everyday. Check and found battery voltage very low, removed and replaced batteries. Hold downs were seized and had to build new ones. Installed new batteries and unit was still cranking slowly, Checked voltage drop when cranking and dropped from 12V to 2.5V. Starter internally shorted. Removed and installed a new starter. Confirmed unit charging. Tested start up multiple times.	6	105.00	630.00
02/11/2025	Mobile Service	Md15- service unit, change engine oil, fuel filters. Install new ccv filter. Straighten rod guard for angle cylinder Remove old bent gps bracket Me30- install mirror Mrt04- service unit, change engine oil, air filter, fuel filters. Remove dash panel and remove 2 way, Remove fire extinguisher straighten striker and install new latch.	11	105.00	1,155.00

Me24- service, change engine oil, fuel filters. pull 2 way and fire extinguisher. Noted oil dipstick tube broken.

872G grader- repair broken off front fenders.

Mount 2 way radio and mic in unit.

Mdt27- pull power steering pump off blown engine in shop to install on unit.

03/11/2025

Mobile Service

Mtt25- check unit derated, connect to unit and found no faults other than permanent EGR and abuse history faults. Run unit and no codes set. Monitored fuel pressures and all in spec. Test drive unit on site and noted a 5v supply bank1 fault set active and then faults for multiple sensors on the 5V circuit. Followed troubleshooting for 5V sensor supply fault and checked harness to rail pressure sensor, ITV, LPPO sensor, CCV speed sensor, EGR delta sensor. Verified 5V supply at all sensors and good grounds. Schematic shows sensors receive 5V supply from 2 different pins on ecm and don't share the same ground. Run unit and flex harness trying to recreate issue but unable to recreate. Very limited access to Harness connector at ecm. Checked battery cables and chassis harness going to OEM side of ecm and couldn't find any issues. Advised to tow unit to shop for further diag of harness/ecm issue
Mrt09- check hood won't open, found hood bent in, pried open latch, straighten hood latch so front access opens and closes. Adjusted striker.
Mdt21- check power steering issue. Previously diagnosed as a failed power steering pump. Cracked pressure line while running and very little flow, checked filter and some debris but not plugged. Wrong pump was supplied, get the correct pump, remove and install new pump into unit. Run and bleed pump and still

15.50

105.00

1,627.50

no power steering. Drop drag link and steering box is free. Jack up unit and try to steer, able to slightly steer with weight off. Check booster cylinder for bypass, none present. Capped return from steering gear and ran unit and no increase in pressure. Very little pressure to steering gear, Check pump part number compared to old and it is compatible.

Run with lines off and there is flow present but very little. Removed power steering pump and found pump drive splines stripped enough to allow it to skip. Removed pump drive to replace.

04/11/2025	Mobile Service	Mwt02- check won't build air, got to unit, air tanks fill, drained, no water, ran unit and air built fine. Checked for air leaks with brakes released and none present. Found unit has a methanol injector tied in under tank. Told driver to come to shop at end of day to have it filled. Mdt21- remove pump drive off old engine, take and install pump drive into unit. Install power steering pump. Fill reservoir. Run, bleed system and steering working. Reinstalled drag link, drilled out old cotter pin. Installed drag link clamp, used loctite on bolt. Mld70- swap rear tires Me24- remove and replace oil dipstick tube Install belly pan, tapped bolt holes Mg06- install plugs into control valve, replace hood panel latch. Service unit. Boost unit to get running, pin up tilt cylinder and test blade functions. All working. Unit wouldn't stay running without a boost, batteries at 1v each. Need to replace batteries. Check air leak, loose hose. Mc20- pull 2 way Md28- pull 2 way	13	105.00	1,365.00
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Mdl21- check oil leak, found cracked oil filter, oil filter was seized to housing, couldn't break with a filter wrench, limited access to use larger chain wrench, pounded pin bars through and got filter off. Drained and filled with fresh oil. Ensured drain plug tight. Reinstall belly pan and wipe up leak best I could.

Run and confirm level ok.

K-Line 250G #5644- check won't start, batteries at 6/8V. Found positive cable loose. Removed and replaced batteries. Was able to get cable end to tighten up. Confirm charging 28V. Reinstall hold downs and covers.

Mb06- check hydraulic leak, ran unit and noted oil leaking from middle return filter housing. Washed off and looked to be leaking from between sections, removed and split, gasket was okay. Found side plug loose on housing where a restriction switch could be installed. Removed and reinstalled with some sealant.

Checked all other housings and found the same plugs loose, had to drop them all out for access to plug. Need to replace 2 middle filters as they were removed to split housing and crushed canister a bit on removal.

Tt02- check leak under tower, ran unit and found multiple fittings loose, pipe thread out of tower into fittings did not have thread tape. Removed hoses and used spills trays to contain oil. Removed fittings, wrapped with thread tape and reinstalled. Tightened all hoses. Ran unit and watched while unloading. No leaks.

Tt07- check unit won't shift into high range, found multiple counts of fault 43 fmi 5 for range selector, followed through troubleshooting steps, pulled back tecu connector to load test from tecu to range selector, all 3 wires in circuit passed load test,

pins 28,34,6. Checked voltage drop across and it was .5v. In spec. Checked for shorts to ground, pin to pin shorts and shorts to power. None found
Measured internal solenoid resistance and it was in spec. Removed solenoid and while draining air tanks there was substantial water present, possible water damage to solenoid causing internal failure. Found tecu loose in mount and bouncing around. Recommend to replace solenoid before looking at a tecu failure as all wiring passes testing.

06/11/2025	Mobile Service	Md12- remove final drive planet carrier and inspect, severe bearing failure. Inspect ring gear. Ring gear ok, axle damaged. clean out housing. Remove carrier from another final drive and inspect, planet carrier ok. Install into unit. Install axle from another unit into final drive. Fill oil. Test and working. Check action alarm fault , found alarm unplugged. Plugged in and fault clear Md28- install door. Hv01-check clutch issue, found won't go into gear. Adjustment at 1/2" but fork 3/8". Adjustment on rod is as short as it will go to take up anymore free play. Internal clutch issue Me25- install door and window. Replace door latch. Mg06- install new batteries and get unit running. Check and only 24V out of alternator. Alternator is a new reman. Good voltage from batteries to alternator. Removed alternator for warranty 872G grader- install tires, fronts and 3 of 4 rear. Didn't have enough bolts or washers to install rears fully.	12	105.00	1,260.00
07/11/2025	Mobile Service	Tt07- remove and replace range solenoid, tie up wiring, check faults and no active faults, cleared faults.	13.50	105.00	1,417.50

Briefly test drive unit and unit shifted into high range. Hill start assist fault comes active but no performance effect on shifting. Advised to test drive further and see if issue persists.

Mdl11- check leaking hose, found stick cylinder hoses leaking.

Removed to measure and reinstall

Tt14- check hydraulic leak, found broken fitting at valve for grapple, pipe to jic, found adapter between fitting and hose and hose end was pipe thread. Joined hose directly to valve.

MI03- mark rotary and split to inspect center joint and putter case for grooving and cracks. Internals seem in good shape, no grooves that can be caught with a fingernail and crosshatch still evident on case. Recommend to reseal. Source seal kit part number

Mdl22- check no heat, valves turned off.

Check pin fell out of hard bar for feed wheel. Cut pin back as keeper slot sheared. Used flat bar to make a new keeper and welded keeper to pin as one piece. Weld out broken bolt. Install pin back into harder.

Tt02- check hydraulic leak. Found blown hose on stick, removed hold downs and hose. Built new hose at shop for operator to install.

Mld74- change flat rear tire, torqued tire. Advised driver to have retorque

Me26- check unit won't move, inspect and found final drive came apart, carrier split from hub.

Tt14- check hydraulic leak at grapple, found broken fitting for rotate. Removed broken fitting and order a new one. Operator installed. Need to build a taller guard to protect fittings on valve for grapple.

08/11/2025

Mobile Service

Me11- pull final drive off unit, unit was inoperable , had welder lance pin to split track, removed hoses and capped. Jacked up machine to remove final drive. Unbolted and

13

105.00

1,365.00

swung out complete assembly.
 Removed final cover and cleaned surfaces, installed planet carrier, thrust washer, sealed cover with flange sealant. Torqued cover bolts to spec.

Md14- install belly pans.

Tt14- check seat broke off, bracket broke and is previously welded, needs to be rebuilt. Sent truck to shop

Me26- diagnose no crank no start, check batteries, no loose cables and good voltage. Check signal to starter, no signal. Jump signal circuit and unit started. Trace wiring and no visual breaks. Check signal at starter relay in PDC. Good signal to relay. Found connector was loose on relay. Reattached and unit started.

remove track from machine as a complete track, due to final drive failure track was partially off.

Remove travel motor and spindle of final drive from track frame. Bolts were seized and 2 broke off in track frame making removal of assembly difficult as it wouldn't drop down and out.

Cleaned track frame and installed final drive assembly from another unit. Replaced o rings on hoses.

Remove carrier rollers and attempt to install track as a complete track. Unable to get it over. Flip track off and split track on the ground.

Master pin was welded. Cut out, wrapped track. Order new master pin.

09/11/2025

Mobile Service

Me26- fill final drive with oil.
 clean up master link pin bore. Install pin, link was spread, heat and realign so track could be installed.
 Prep surface and weld pin. Install carrier rollers. Torqued as per spec.
 Tightened track.
 Install track pads.

Mdl11- change stick cylinder hoses.
 MI06- check hydraulics inop, found when engaging pilots, head would

12

105.00

1,260.00

start turning, checked wiring in joystick, disconnect rotate button output wire and it stops and hydraulics turn on. Order a new switch

Md20- check slow cranking, check into complaint of fan spinning while cranking, check pressure and only 400 psi to fan. Follow path of oil and inspect control valve. While wiggling wires fan epc open fault set active, pulled back harness and repaired broken wires. No change.

Disconnected pressure line from fan motor and little flow to fan. Issue isn't fan related.

Monitor hydrostat pressures and found RF pump pressure at 4500 psi while cranking. Inspect epc wiring to pumps and no visual issues. Likely servo or epc. Need to confirm no components will dislodge when servo removed to swap side to side
Mdt17- assist pull calipers and hood

10/11/2025

Mobile Service

Md10- start reassemble of engine. Clean cylinder head thoroughly, considerable contamination, removed all plugs and blew out all galleries. Cleaned surfaces. Used bore brush to clean injector bores. Clean cylinder block deck and liner bores. Install remaining 2 cylinder liners.
Install remaining main bearings. Cleaned all components, torqued caps as per procedure.
Removed brackets and hoses for access to remove ECM to allow plug to be removed for timing pin. Clean cam bearings.
Install new cam shaft and retainer, torqued as per procedure.
Timing marks did not line up with engine pinned TDC, fuel pump was out of time, adjusted fuel pump timing.
Install cam cover.
Clean lifters and install lifters with new retainers.
Start cleaning and assembling connecting rods, upon assembly

11.50

105.00

1,207.50

found wrist pin did not fit piston.
Cylinder packs came as a kit. Tried multiple kits and none fit.

11/11/2025	Mobile Service	Md10- start assemble cylinder head, clean components to install, install exhaust manifold and turbo, torque as per procedure. Install thermostat. install intake manifold, egr piping and brackets. Install all injector and fuel tubes. Cleaned and replaced injector and fuel tube seals. Attempt to assemble pistons with another set of piston bodies. Unable to assemble wrist pin to piston by hand. Recommend to send to machine shop for sizing. MI03- install grapple rotary manifold. Replaced all o rings on all fittings before install. Route hoses and lift rotary into place. Chase bolt holes, clean bolts and install with loctite. Clock rotary and install lock plate. Hook up all hoses. Install valve. Fill hydraulics and test. No leaks. Install guards. Check coolant leak, pressure test and found split hose, pull vacuum on coolant system, cut back and reinstall hose. Rental mini excavator - tighten track Ms06- check hydraulic leak. Found loose hydraulic filter after running unit. Tightened up, need to replace filters and housing crushed trying to tighten. Mg10- check fuel leak, remove harness for access. Found fuel line rubbed on egr mount spacer.	15.50	105.00	1,627.50
12/11/2025	Mobile Service	Md10- as per Joe, reuse old pistons , disassemble all rods and pistons, clean pistons, took considerable time to remove carbon packing from ring landings to allow new rings to seat into piston body. Lube and assemble rods/pistons Polish crank journals and install pistons/rods as per procedure and torque to spec. Clean block and prep for oil pan and pump.	10.50	105.00	1,102.50

Install new oil pump, pan and pickup tube
 Clean deck for cylinder head install, blow out and chase bolt holes.
 Attempt to swing cylinder head, debris fell underneath during install and pinched gasket. Removed head and inspected, gasket not fit for reuse.
 JLG scissor lift- clear tent shop out and remove scissor lift from tent with fork lift

13/11/2025	Mobile Service	Md10- clean block and cylinder head, install cylinder head. Torque as per spec and procedure. Install push rods, rocker arms, torque as per spec. perform valve set as per procedure. Bar over engine multiple times to ensure no issues with base timing. Install injector harness and new valve cover Reinstall ecm and removed components taken off for access to timing plug. Install fuel lines and hoses, install removed brackets and piping. Install fuel filter housings and hook up lines. Installed front end brackets and accessories. Route AC lines and connect Install oil dipstick and fill tube. Prep charge air piping and coolant piping for install	12	105.00	1,260.00
14/11/2025	Mobile Service	md10- cut gaskets as required for coolant piping, install coolant piping and charge air piping. Install components onto hard nose and install hard nose. Hook up all hydraulic, coolant and electrical. Fill coolant system, secure harnesses and hoses. Replaced batteries Install hoods and panels. Replace filters and prime unit. Bleed air and fire unit up. Check for leaks and no leaks. Found multiple tractor side faults active, found engine to tractor side	15	105.00	1,575.00

harness connector pulled apart when locking screw was tightened, repined and installed connector faceplate and codes went inactive. Install right hand side planetary carrier into final drive and fill with oil. Torque stall unit and no issues. Install c frame and hook up blade cylinders and hoses
Install belly pans

15/11/2025	Mobile Service	Md10- install window Me11- install coolant hoses and piping, Determine proper routing of fuel hoses and piping. Install coolant reservoir. Tarp in and thaw main relief valve as it was frozen with water and install main relief valve Replace batteries. Install fan belt Rig up jumpers for main battery fuses to get unit running Prime unit and get started. Repaired loose hydraulic hoses, filled hydraulics Check coolant leak and found reservoir split Check oil leak and found drain valve leaking even though closed, installed a cap onto valve Mg07- sort through parts for unit and make list of remaining repairs to get unit operational.	9	105.00	945.00
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SUBTOTAL	19,320.00
GST @ 5%	966.03
TOTAL	20,286.03
BALANCE DUE	\$20,286.03

TAX SUMMARY

RATE	TAX	NET
GST @ 5%	966.03	19,320.00

Full Tilt Heavy Equipment Repair Ltd.

Barrhead AB

7802820224

Jared@fulltiltequipment.com

GST/HST Registration No.: 72449 1022RT0001



INVOICE

BILL TO
Martushev Logging
10458 Mayfield Rd NW
Edmonton AB T5P4P4

INVOICE 1042
DATE 01/11/2025
TERMS Net 15
DUE DATE 16/11/2025

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
16/10/2025	Mobile Service	Mb06- finish guarding up unit, run up to temp and check for leaks. No leaks. Grease unit. Check LS relief, margin pressure, all cycle times. Adjusted grab arm cycle times up to spec. Do online Orientation and drug and alcohol test for Altalink project.	5.50	105.00	577.50
17/10/2025	Mobile Service	Md24- check derate, found 1 count def pressure low, check tank for debris and frozen def, no evidence. Run pressure test and check for leaks, no leaks, remove def doser and run pressure test to check doser for leaks, ran override and measured dosed amount and in spec, good spray pattern and no leaks between injection cycle. Remove def pump filter to inspect and found filter to be at end of life, sucked in on itself, replaced filter, ran scr and regen tests, monitor pressure and all in spec, codes didn't come back. Cleared faults. Me24- check won't start, found very weak batteries. Checked all cables and starter connections, all tight. Removed and replaced all 4 batteries. Unit fired up, confirmed charging.	17.50	105.00	1,837.50

Mdt16- check broken yoke, found split #1 diff output yoke and broken u joint. Removed yoke and u joint. Replaced output seal. Installed sleeve onto new yoke and installed. Replaced u joint in driveline, was provided the wrong strap kit, had to reuse the straps but new bolts were used. Torqued to spec with thread locker. Greased u joint. Checked diff level, filled diff, took almost complete pail indicating diff was ran very low on oil. Not much metal on plug.

TT03- install turbo cut off valve into drier, air up and check for leaks at drier. No leaks, checked trailer as air tank was ripped down, no leaks. Trailer to be taken to shop for welding

Ctt02- check complaint power divider blew, found interaxle drive line between #1 and #2 diff blown, #2 input yoke broke, driveline snapped at yoke.

Found wiring and airlines wrapped around driveline.

18/10/2025

Mobile Service

Mdl11- tighten track

15.50

105.00

1,627.50

Rental winch tractor- check derate, found multiple nox sensor and dpf pressure faults. Stacks very black. Cleared faults and tried a regen, sent unit back to work as codes didn't return.

Mdl25- check saw leaking, found tensioner piston leaking, removed tensioner and replaced o ring with an orb o ring, sealed up for now, reinstall bar and chain. Test and not leaking.

Replace hardbar bushings on knives.

Ms14- service unit, engine oil, missing 2 fuels and 1 water separator filter.

Repair wiring to work lites

Mdl24- check hoses coming loose on head, valve broke 1 front bolt that secures plate to head, back 2 loose, need to order new bolts and bushings. Threads ok.

Unit due for service
 Mb04- change batteries, check and unit is charging, measure voltage across disconnect with unplugged and turned off, approx .5V across. Disconnect not closing completely. Check hood pump inop, found fuse blown again, jumped and when engaged hood pump smokes, failed hood pump.
 Ms16- check leaks, found arch and grapple cylinders leaking. 4 cylinders to reseal, will likely require hydraulic shop to break piston nut due to size of cylinder
 Mg10- check fuel leak, found return line from cylinder head to pump cracked, removed intake and egr components, fuel filters and harness for access to remove.

19/10/2025	Mobile Service	Mg10- install new return fuel line, reinstall removed egr components, secure and install harness, reinstall brackets and hold downs. Install filter housings. Tie up harnesses, prime unit and run. Check for leaks, no leaks. Unit due for service Ctt02- remove and replace #2 diff input yoke, install wear sleeve into new yoke prior to install. install new driveline, torque strap bolts to spec and used loctite. Grease u joint. Remove and replace airlines and electrical wiring that was wrapped around driveline. Ran unit and checked for leaks, no leaks. Ensured all lights working. Mb04- remove and replace hood pump, blocked up hood and removed hood pump. Transfer fittings and reinstall, fill reservoir. Replace blown mega fuse, test and hood functioning. Remove and replace disconnect relay. Check coolant leak, found pin hole in heater hose, removed and replaced heater hose. Check hydraulic leaks, run up and fitting going into bottom of hydraulic cooler off hardline leaking.	13	105.00	1,365.00
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Unit due for service.
Heart lakes cmi 300- check hydraulic leak, ran and found leaking under cab, remove cab pins and flip cab, electric pump for cab flip didnt work, found loose fittings on right lift cylinder tee fittings, removed and replaced all o rings, both rod end and barrel end fittings were loose. Fill hydraulics, took 2 pails. Ran and check for leaks, no leaks. Flip cab back and install cab pins.

27/10/2025	Mobile Service	Mdt27- remove seized starter bolts, removed blow by tube for access, used 3/4 impact to break free Mtt41- check faults, and engine light on. Found multiple recent counts for smart switches. Active outlet nox faults. Good power/ground and can hi/lo at sensor. Failed outlet nox sensor. Checked chassis harness and battery connections for smart switch fault, was advised that kenworth programmed switches and faults likely from programming. Md12- assemble removed components, installed valve cover, hoses, fuel lines and coolant lines. Installed after treatment assembly after installing SCR. Installed hoods and panels. Secured harnesses. Ran unit and check for leaks, no leaks. Noted calibration fault and alarm fault. Ecm was just replaced. Installed axles into unit.	12	105.00	1,260.00
28/10/2025	Mobile Service	Md15- remove hoods, aftertreatment, intake and exhaust piping for access. Found #5 exhaust valve bridge fallen out, valve lash way out. Set valve lash as per spec. Run and ensure bridge doesn't fall out again. Reinstalled removed components. Removed 2 way radio. Md06- remove door to send out to have window replaced 360 komatsu- go through and make list of repairs to be made for sale Install front cage Md14- make list of repairs for sale	12	105.00	1,260.00

Pull 2 way radio out of unit
 Diagnose oil leak, drop belly pans
 and found substantial oil in pans,
 wipe and spray down underneath,
 found starter leaking internally,
 internal bolts backed out.
 Remove door to have window
 replaced
 Md19- make list of repairs for sale
 Mc15- make list of repairs for sale
 Me23- make list of repairs for sale
 Pull windows for replacement
 Remove front cab bumper to
 straighten
 Remove broken track pad
 Pull 2 way radio

29/10/2025	Mobile Service	Md14- service unit, change engine oil, oil filter, fuel filters, air filters. 360 komatsu- service unit, engine, oil, fuels, air. Tighten tracks Cut off welded cutting edge of dig bucket Pull 2 way Tigercat 920 dozer- install 2 way Me23- install cab bumper Drop cutting edge to measure and order Install track pad Mc15- pull 2 way radio, Repair head liner and drop down. Check fuel leak, found blown return line to tank and split suction hose from filter to pump. Removed blown hoses Measured front window to have cut Me12- make list of repairs for sale Me24- make list of repairs for sale Mrt04- make list of repairs for sale Md12- straighten stack and install clamp, install new fuel cap	12	105.00	1,260.00
30/10/2025	Mobile Service	Me12- boost unit, found positive battery cable loose on post, end is tightened up all the way and still loose, 360 komatsu- replaced wif sensor, run and verify code went inactive. 16 wheeler- check no lights, test power at neck, good power, follow cable back and found it snagged	11.50	105.00	1,207.50

under frame and tore out, run a new cable from neck to break, splice and test lights. All working.

Me30- pull 2 way, install cat walks, check for repairs for sale.

Md15- check lo3 fault, found active crankcase pressure high fault, removed sensor and monitor with removed, pressure drops, reinstall and it spikes, remove hose from baffle and pressure drops, filter plugged. Removed filter and code goes inactive

Ms02- tire

Me23- service unit, change engine oil, fuel filters.

Install sliding door

Md14- install door

Md06- install door

Me25- make list of repair for sale

31/10/2025

Field Service

Md28- make list for sale

11

105.00

1,155.00

Me18- make list for sale

Mc11- make list for sale

Mc15- reinstall fuel lines from pump to filter housing, install fuel line from tank to return.

Install fuel filter, prime system and run, check for leaks, no leaks.

Reinstall belly pan.

Mg06- assemble and install new spool into control valve, ensure free movement and install right side control valve, replaced o rings on fittings, hook up hoses and linkages, reinstall floor covers.

Clean transmission suction screens and reinstall, install new crossover hose from diff to trans. Fill transmission, fill hydraulics.

Installed blade tilt cylinder.

Installed alternator

Pulled radio components from cab

872G Grader- remove cutting edges and prep to install sandviks

Md19- service unit, changed engine oil, fuel filters. Removed 2 way.

Change cutting edges and corner bits.

SUBTOTAL

11,550.00

GST @ 5%	577.52
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TOTAL	12,127.52
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BALANCE DUE	\$12,127.52
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TAX SUMMARY

	RATE	TAX	NET
	GST @ 5%	577.52	11,550.00

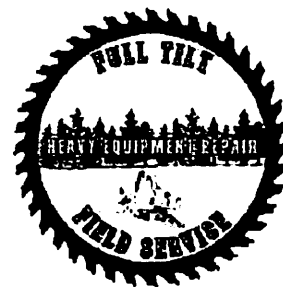
Full Tilt Heavy Equipment Repair Ltd.

Barhead AB

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GST/HST Registration No.: 72449 1022RT0001



INVOICE

BILL TO
Martushev Logging
10458 Mayfield Rd NW
Edmonton AB T5P4P4

INVOICE 1037
DATE 31/08/2025
TERMS Due on receipt
DUE DATE 15/09/2025

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
18/08/2025	Field Service	Me24- service unit, change engine oil, fuel filters. Check air filters ok. Change final drive oil. Change pilot filter Change cab mirror and install new hydraulic tank cap. Ran unit and still no tank pressure, flange must be worn and allowing to leak. Change out blown quick attach hose, Xcmg packer- remove sheep foot shells Mrt04- straighten fuel tank latch door and hinges so it closes properly. Mb11- order saw drive parts Order and make parts list for multiple units	11	67.50	742.50
20/08/2025	Field Service	Md15- install driveline and yoke, torque bolts. Replaced bolts. Install remaining panels and guards Replace multiple grease zerks not taking grease Install belly pans and floor mat Tt02- install cylinder pins, repair threads on pin and tighten Mdl22- check boom pushing down on its own, found pilot control valve worn and not returning joystick to neutral, weight of keypad pushes boom down piston. Set pilot	18	67.50	1,215.00

pressure on carrier to spec.
Mb11- start replacement of saw bearings, remove covers and cap lines to saw motor, remove saw motor, mount plate and bearing cap. remove arbor from head, weld out races and clean up bores.
Mdl25- check head randomly tilts up, checked wiring from ecu to tilt coil, no visual issues. Ecu was just replaced. Check brushes in rotate, no visual issues. Run unit with tilt coil unplugged and issue doesn't occur.
Confirmed auto tilt up is set to manual
Take joystick cover off and while wiggling and shaking buttons head will tilt up. Need to replace button and run unit.
Mb04- check ac inop, belt ok, clutch engages if power supplied, hook up gauges and pressure seemed in spec for ambient temp. no power being sent to compressor and fuses are good. Further diag needed
Md28- check rail and remove track pad for spacing to assemble link. Found pin worn and bushings able to turn by hand. Rails are worn out.

21/08/2025	Field Service	Mb11- replace seal, retainer and bearing on saw drive. MI03- check head won't tilt, can hear cylinder bypassing, remove cylinder and rod pulled out of barrel, piston nut threads damaged. Removed grapple cylinder with hole in barrel. Had to cut pin. Mdl21- check leaking plug on end cap, remove and try to match up o ring, o ring is square cut style counter sunk into head of cap. Tried multiple o rings and all blew. Send plug in to town to try and match seal, noted possible crack in threads. Try a proper seal and see if leak stops. Md15- check unit overheated and code for fan control mismatch. Monitor fan commanded vs measured speed, fan speed is	12.50	67.50	843.75
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higher than commanded. Direction of rotation ok. Check wiring to speed sensor and all visually ok. Run unit in service mode and command fan to 100% duty cycle and fan speed goes to 1650rpm. In spec. Need to diag further by testing pressures and inspecting epc servo for fan pump.

22/08/2025	Field Service	Md28- attempt to press repair link together. Shop press unable to achieve pressure needed to install interference fit bushing into link. Took to machine shop for assembly and to have pins milled. Md14- check and confirm fuel in coolant. Failed injector cups. Drop belly pan and Drain cooling system. Remove air filter housing, AC compressor brackets and braces, exhaust braces. Remove harness and valve covers. Drain fuel rifle. Remove rockers and injectors. Remove injector cups and clean bore. Vac out cylinders multiple times while cleaning. Wipe out bores and install injector cups as per procedure. Reinstall injectors and rockers as per procedure. Reinstall remaining components removed for access. Fill cooling system with water and detergent, run unit at temp for 1 hour and drain and refill with fresh coolant. Reinstall belly pan . Run unit again for 1 hour and check for any leaks. No leaks and coolant level didn't rise. Torque stalled multiple times. Recommend to flush cooling system again at next service to remove any residual water/fuel left in system.	18	67.50	1,215.00
23/08/2025	Field Service	Mst20- clean out rims and wash truck Md10- start cleaning components and sort parts.	6	67.50	405.00
24/08/2025	Field Service	Md10- clean components of engine, unit was not washed prior to disassembly, cleaned frame and area under dozer best I could to prevent debris and contamination. Multiple components of engine left	10.50	67.50	708.75

lying in the dirt and uncovered. I.e)
turbo, intake, cylinder head.
remove and replace main
bearings/thrust bearings as per
procedure, torque and turn as per
spec. Check crank shaft endplay
and in spec. 1 main bearing set had
a defect from factory, rejected and
need to order a new set, 1 through 6
installed.
Clean cylinder block and liner bores,
start installing liners. Install liners 1
through 4 as per procedure. 2 liner
kits from factory had issues, 1 had
a chip In Fire ring surface and the
other due to packaging the o ring
was cut from sitting under liner.
Sort through more parts and order
missing items.
JCB telehandler- service

25/08/2025	Field Service	Hv01- check noise from clutch and PTO. Clutch release bearing is worn, cross shafts hammered out. Noise goes away when clutch applied. PTO is growling, plug swap trans and lots of shavings on plugs. Mb04- check AC, no power on compressor, good pressure based on ambient temp, check and found 30amp fuse test good but melted internally, pins arced. Replaced and cleaned pins, AC still inop, found rubbing wires on engine, repaired. Still inop, check ac defrost diode relay, found relay pins spread and not making contact, adjust pins and AC started working. Vent temp of 62 degrees. Check xs2 module fault, found previously repaired wire pulled out of connector, repinned and run unit, couldn't recreate fault Md125- cylinder leak, clean up and attempt to weld crack on barrel, didn't seal, remove cylinder to swap barrel. Md15- measure up edges, check AC, pull vacuum and vacuum holds, start charging and found leaking condenser.	17.50	67.50	1,181.25
------------	---------------	--	-------	-------	----------

Mg04- check ac inop, found no charge, pressure test 450 psi and pressure held, vacuum and charge, noted AC compressor growling and binding up when clutch engaged.. Pressures not changing much when engaged, recommend to replace compressor and drier. Air blowing approx 70 degrees from vent and ambient temp of 90 degrees.
Tt06- check coolant leak, found hoses to water pump split, remove hoses for sample and get hoses, reinstall and fill coolant, run up to temp and check for leaks, no leaks, top up coolant.

26/08/2025

Field Service

Mdt50- check trans faults, found fault 71, unable to achieve neutral, cause unknown, check harness and visually no issues, good power to tcm, troubleshooting leads to removal and inspection of xy shifter.
Tt02- check faults, found only recent active fault is low coolant sensor fault, unit has excessive crankcase pressure.
Tt07- check unit won't build air, found exhaust pipe fell off and melted air lines down the frame. Pull back air lines and splice and reroute through frame, air up unit and find more leaks, fixed all leaks, test with brakes releases. Tied up lines and put heat wrap on. Reinstall exhaust, tighten u bolt. Noted flex pipe to drive stack broken off.
Check trans fault, was from driving with low air and brakes coming on. Cleared and unit moved no issues.
Md15- check unit won't rev up, found pitch sensor hot short fault and ignition fell out of panel, reinstall ignition and and code went away, inspected wiring to pitch sensor and no issues, flex harness from sensor to cab and code didn't come up. Disconnect sensor and the same code sets. Likely related to ignition power short. Connector did have some oil inside of it and the pitch

16.50

67.50

1,113.75

sensor is oil filled, possibly shorted in plug too, cleaned contacts and return to service.

Md28- install repair link, had to grind pins and clean up link pin boss, pin up track and weld pins, install pads and tighten track

27/08/2025	Field Service	Tt02- attempt to remove broken grease zerk in grapple knuckle, hole was damaged and unable to drill material as it was too hard of steel. Attempt to heat and extract, extractor broke. Recommend to remove and use drill press to drill and retap. Md19- service unit, change engine oil, air filter, fuels, final drives. Top up winch. 289d3 skid steer- change battery, confirm unit charging. Change cutting edge, had to cut bolts. Me30- change bucket tooth as it broke off, shank is wore out.	11	67.50	742.50
28/08/2025	Field Service	Md19- change last fuel filter Mb06- start removal of engine, drain coolant, disconnect piping and pull back after treatment harness, remove complete aftertreatment assembly Ctt03- check unit won't start, trans fault, service ranger unable to connect, no cycle of ECA or xy shifter when turning key on, check fuses and all ok. Check power to eca and found connector not plugged in completely and wiggling plug cycles eca. Cleaned connector and test power, good power. Unit still won't start, inspect harness from tecu up and around trans, wiggling harness was able to get xy shifter to cycle and unit started. Couldn't recreate issue after that, tied up wiring and sent unit to be offloaded and head to shop Unit also had multiple low oil pressure faults and driver stated warning lamp coming on. Mtt34- check unit struggling to keep	14	67.50	945.00

air tanks full, found blown air lines by drier, spliced lines to remove broken sections.

Ctt03- service unit, unit was 350 hours over for service. Cut oil filter and some metal present. Ran up to temp and oil pressure ok.

Check into trans harness more and found rubbed power supply wires to tcu on a bracket, wiggle wires and power would drop out, pull back harness and repair.

Mdt18- pull hydraulic pump for another unit

29/08/2025	Field Service	Mb11- Get saw blade and take out to unit, replace bearing races, clean all components, pack bearings, install arbor, measure shim pack and endplay, set end play to .003". Install saw motor and hook up hoses. Test and let saw run for 5 minutes. Grease bearings while saw winds down. Saw spins freely. Panel up. Buff ski's and install with new bolts and loctite. Torqued all components to spec and used loctite where required. Install accumulate arm pin. Install saw teeth	17	67.50	1,147.50
30/08/2025	Field Service	Mrt08- check def fault, multiple recent counts for def reversing valve, valve is internal to pump, pin out wiring from ecm to pump, load test and check voltage drop. Passes. Inspected harness and checked for pin to pin shorts in connectors. Failed def pump Check hydraulics overheating, unit seems to be constantly in regen causing full load of fan motors to generate heat. Force regen to try and lower soot level. Regen completed, soot level still high. DPF may need to be removed for cleaning, further diag required. Hydraulic oil also very black in color, recommend to change hydraulic oil and filters Rental IR packer- heater stuck on,	12.50	67.50	843.75

	pulled fuse, unit doesn't have AC. Showed operator switch for fan and the back window opens. Mdt21- check broken driveline, found yoke split and u joint damaged. Seal pulled out. Remove yoke and u joint, replace seal and reinstall. Diagnose low power/check engine light Found codes for injector 5&3 low current, remove valve cover and run solenoid test with solenoids shorted, open changed to short. Failed injectors. Diagnose coolant temp fault, unit In cold mode, found coolant temp sensor unplugged, plugged in and code went away. Check belts squealing, sprayed with dressing and went away. Recommend to replace belts. Md26- tighten loose lights on cylinders			
Field Service	Md15- pin up blade, cleaned up bores, had to tap multiple retainer bolt holes. Repaired broken grease zerks. Shim c frame sockets. Gather up removed panels for wash. Check unit over and make list of repairs Diagnose work lights inop, found broken wiring to connector going to front. Repair and now have power at lights, 4 lights inop and 1 dim, replaced work lites. Installed front cover panel. Diagnose wiper sprayer not working on right door, failed pump and need a new pigtail. Diagnose wiper arm not working, motor is turning but arm is not, broke inside Remove and replace rear window, prep surface after removal and install window adhesive and install window.	8.50	67.50	573.75
Field Service	Rental 331G skid steer- repair leaks on sweeper, removed bulkhead	16	67.50	1,080.00

fittings and replaced o rings.
 Reinstall and test, no leaks.
 Mld68- remove pilot sign from mld54
 as it has a blown engine. Install and
 wire in pilot sign onto truck.
 Install new 2 way cable and
 antenna.
 Mst20- check truck overheated,
 blown coolant hose to cabinet
 heater, went and got fitting to join
 hoses. Check derated, code for def
 doser, unplugged and cleaned
 connector and derate countdown hit
 0 and cleared.
 Rental d6k- service unit, change
 engine oil, fuel filters and air filters.
 Run and confirm oil level ok.
 Me30- service unit, change engine
 oil, air filters, recirc cab filter, fuel
 filters. Check over unit.
 Change final drive oil.
 Change bucket teeth.
 Swing drive oil due next service as
 well as hydraulic filters.
 Me25- service unit, change engine
 oil, change fuel filters, change pilot
 hydraulic filter. Change air filters.
 Change left side final drive oil,
 checked right side and it has
 catastrophically failed. Recommend
 to replace complete unit with a
 reman.
 Install mirror.
 Noted unit seems to have slow
 hydraulic functions, further diag
 needed.

Field Service

Md15- install rear window guard.
 Pull c frame tilt cylinder hoses and
 measure up hoses to reroute
 externally. Get hoses made and
 reinstall, test and adjust routing so
 hoses don't stretch.
 Install hose guards
 Change final drive oil.
 Change damper case oil
 Service unit
 Attempt to install missing bolts into
 u joints, found bolts broke off in
 yoke, remove driveline and remove
 yoke from damper case to extract
 broken bolts

14

67.50

945.00

Reassemble loose core
transmission for exchange.
Mtt42- check fault codes, found
multiple recent counts for crank
speed sensor fault, pin out wiring
and load test circuit. Check voltage
drop while wiggling harness and all
passes. Remove and replaced
sensor. Run unit and see if issue
reoccurs

Parts	20LB Propane Tank Fill	1	20.00	20.00
Parts	1" Heater Hose by the foot	4	10.80	43.20
Parts	Grease Monkey Gloves	1	25.99	25.99
Parts	Coolant line fittings and splices - used to repair MST20	1	12.55	12.55

Please find attached receipts for parts and supplies purchased for completion of jobs.

SUBTOTAL	13,804.24
GST @ 5%	690.24
TOTAL	14,494.48
BALANCE DUE	\$14,494.48

TAX SUMMARY

RATE	TAX	NET
GST @ 5%	690.24	13,804.24



Highmark Mechanical Inc.

Box 2076
#162 Parker Road
Lac La Biche, Alberta T0A 2C0
CANADA

INVOICE

Invoice No.: 5873
Date: 02/26/2025
Ship Date:
Page: 1
Re: Order No.

Sold to:

Martushev Logging

Suite # 205, 10458 Mayfield Road
Edmonton, AB T5P 4P4

Ship to:

Martushev Logging

Suite # 205, 10458 Mayfield Road
Edmonton, AB T5P 4P4

Business No.: 85858 9427 RT0001

Quantity	Description	Hrly Price	Tax	Amount
	Repair cylinder as per quote to Joe on 336 Excavator. Includes, disassembly, new rod, deep hone, complete seal kit, pin whippers, assembly & testing. Highmark w/o 14084 PO ME-24		G	8,203.00
	Subtotal:			8,203.00
	G - GST @ 5%			
	GST			410.15
Shipped By: Tracking Number:			Total Amount	8,613.15
Comment: We appreciate your business Thank You! Payment Terms Net 30 Days. Interest of 2% per month.			Amount Paid	0.00
Sold By:			Amount Owning	8,613.15

**INVOICE**
1431

DATE: Nov 15, 2024

SOLD TO: <i>Martushev Group</i>	SHIP TO:
ADDRESS:	ADDRESS:
	<i>Lanise</i>

K & C Graphics(2008) Inc



780-779-8688

Box 957
Whitecourt, AB T7S 1N9
GST#: 832705594RT0001

INVOICE
1430

DATE: Nov 14, 2024

SOLD TO: <u>Martushev Group</u>	SHIP TO:
ADDRESS:	ADDRESS:
	<u>Lonnie</u>

DATE	QUANTITY	UNIT	DESCRIPTION	RATE	TOTAL
	4 hrs	ME14	→ moved up to shop, cleaned up valve bank checked for leaks, changed acting on main relief valve → removed and built 2 pilot line, put them on → installed pans, checked hyd. fluid	\$125	500 00
	1 hr	RM64	→ measured up stump pan to get one made		125 00
	2 hrs	MB07	→ Installed 90° boot off air cleaner → changed 3/8 coolant hose → put panels back on		250 00
	3 hrs	MD19	Removed, cleaned up, replaced bushings and seals on hardbar		375 00
	.5 hr		Travel		62 50
				SUBTOTAL	131250
				GST	65 63
				TOTAL	137813



Box 957
Whitecourt, AB T7S 1N9
GST#: 832705594RT0001

INVOICE
1428

DATE: Nov 12, 2024

SOLD TO: <u>Martushev Group</u>	SHIP TO:
ADDRESS:	ADDRESS:
	<u>Lonnie</u>

DATE	QUANTITY	UNIT	DESCRIPTION	RATE	TOTAL
	4 hrs	M601	→ Installed panels and missing hardware	\$ 125	500 00
			→ Installed Stump paws		
			→ Tightened front chains, welded devices		
	2 hrs	M604	→ Installed #20 hose off pumps		250 00
			→ run and checked for leaks		
			→ added 8 pails of hydraulic oil, tightened loose test port		
	3.5 hrs	M607	→ Finished Installing sprockets and one idler, installed travel motor guard and drive bolts		437 50
	.5 hr		Travel		62 50
				SUBTOTAL	1250 00
				GST	62 50
				TOTAL	1312 50

**INVOICE**
1426

DATE: Nov 8, 2024

SOLD TO: Martushev Group

SHIP TO:

ADDRESS:

ADDRESS:

Lonnie

K & C Graphics(2008) Inc

[illegible]

			DATE	QUANTITY	UNIT
SOLD TO:	Martinez Group				
SHIP TO:		ADDRESS:			
		ADDRESS:			
	Lane				

DATE: Nov 7, 2024

6192-644-064



Box 957
Whitecourt, AB T7S 1N9
GST#: 832705594RT0001

INVOICE
1425



Box 957
Whitecourt, AB T7S 1N9
GST#: 832705594RT0001

DATE: Nov 5, 2024

SOLD TO: Martushev Group

ADDRESS:

Connie

DATE	QUANTITY	UNIT	DESCRIPTION	RATE	TOTAL
	3 hrs	M/D 19	→ removed bearings for C frame → removed track frame pivot shaft bearings → blocked up for line bore	\$125	375 00
	5.5 hr	MECH	→ Serviced unit for TMX 506 → changed final drive and swing oil; tied up loose hoses on top of boom, repaired grease line to barrel end of stick cylinder → installed 3 lights, dropped panels for washing, measured stump pan		687 50
	1.5 hr	M/G 2	Removed 4 tires with John, blocked up machine		187 50
	.5 hr		Travel		62 50
DW				SUBTOTAL	1312 50
				GST	65 63
				TOTAL	1378 13



Box 957
Whitecourt, AB T7S 1N9
GST#: 832705594RT0001

INVOICE
1419

DATE: Nov 3, 2024

SOLD TO: <u>Matushev Group</u>	SHIP TO:
ADDRESS:	ADDRESS:
	<u>Lonnie</u>

DATE	QUANTITY	UNIT	DESCRIPTION	RATE	TOTAL	
	4.5 hrs	MB4	→ Checked over for TMX 506 → checked undercarriage → replaced oring, flange must be cracked, built hose and installed on stick cylinder, checked for leaks again	\$125	562	50
	4.5 hrs	CAT 336F	→ checked over, found leak @ rotate manifold, added 3 pails oil to get off low boy, was mud out around rotate manifold, has no belly pan, changed oring on case drain T, checked for leaks, checked fluids, tied up wiring above cab, service is good		562	50
	.5 hr	Travel			62	50
				SUBTOTAL	1187	50
				GST	59	38
				TOTAL	1246	88

DW



Box 957
Whitecourt, AB T7S 1N9
GST#: 832705594RT0001

INVOICE
1418

780-772-2669

DATE: Nov 2, 2024

SOLD TO: <u>Matushev Group</u>	SHIP TO:
ADDRESS:	ADDRESS:
	<u>Lonnie</u>

DATE	QUANTITY	UNIT	DESCRIPTION	RATE	TOTAL
	3 hrs	MC11	→ Finished assembling machine, tested, checked fluids	\$125	375 00
	3.5 hr	MD08	→ Serviced, replaced some missing hardware, tightened track, checked undercarriage		437 50
	3 hrs	MS09	→ Checked over to send out → Fixed leaks → checked webasto has flame failure → straightened and welded panel, dropped pans, added hydraulic oil and transmission oil		375 00
	.5 hr		Travel		62 50
				SUBTOTAL	1250 00
				GST	62 50
				TOTAL	1312 50

DW

**INVOICE**
1417

DATE: Nov 1, 2024

SOLD TO: Markushen Group

SHIP TO:

ADDRESS:

ADDRESS:

Lonnie

K & C Graphics(2008) Inc

**INVOICE**
1416

DATE: Oct 31, 2024

SOLD TO: Martinsen Group

SHIP TO:

ADDRESS:

ADDRESS:

W



781-772-2669

Box 957
Whitecourt, AB T7S 1N9
GST#: 832705594RT0001

INVOICE
1415

DATE: Oct 30, 2024

SOLD TO: <u>Matechew Group</u>	SHIP TO:
ADDRESS:	ADDRESS:
	<u>Lonnie</u>

DATE	QUANTITY	UNIT	DESCRIPTION	RATE	TOTAL
	3.5hr	MD19	→ Helped remove blade, c-frame, cylinders, removed stripped plug	\$125	437 50
	3.5hr	MC11	→ Installed Transmission, started bolting up, need more parts		437 50
	.5hr		Travel		62 50
				SUBTOTAL	937 50
				GST	46 88
				TOTAL	984 38



HCH Hydraulics Ltd.
11221 224 ST NW
Edmonton AB T5S 0G2
587-341-2091
admin@hchhydraulics.com
GST/HST Registration No.: 730415130

INVOICE

BILL TO
MARTUSHEV LOGGING
PLAMONDON AB

INVOICE # 3666
DATE 25/05/2023

TERMS Net 30

PURCHASE ORDER
ME24

DESCRIPTION	QTY	AMOUNT
REPAIR ROD, RESEAL, WELD CRACK IN LINE TUBE, TEST AND PAINT	1	1,800.00
CAT 336 ARM CYLINDER		
	SUBTOTAL	1,800.00
	GST @ 5%	90.00
	ENVIRONMENTAL FEE @ 3%	54.00
	TOTAL	1,944.00
	BALANCE DUE	\$1,944.00

GST 730415130
We accept payment by
E mail Transfer: admin@hchhydraulics.com
Direct Deposit: Call for info

GEO-LYN WELDING AND MAINTENANCE LTD
RR 1 Site 21, Camrose, AB

0053
Nov 17/24
DATE

SALESPERSON

YOUR ORDER NO.

TO Martushev Group
10558 - Mayfield Road NW
Edmonton, AB T5P 4P4

QUANTITY	DESCRIPTION	PRICE	AMOUNT
> 11	Corking D6T Dozer MD-10 - cut off old worn out corks, replace with new	@120	1320
	- Cork CAT 336F excavator ME-24		
TERMS		SUBTOTAL	
DW		HST / GST	66
		PST	
		TOTAL	1386.00

THANK YOU

0052
Nov 16/24
DATE

geolynwelding@gmail.com

YOUR ORDER NO. _____

[illegible]

THANK YOU



Box 957
Whitecourt, AB T7S 1N9
GST#: 832705594RT0001

DATE: Aug 28, 2024

SOLD TO: <i>Martushev Group</i>	SHIP TO:
ADDRESS:	ADDRESS:
<i>ME23 8036 hrs</i>	<i>Lonnie</i>

[illegible]

K & C Graphics(2008) Inc



1349

DATE: Aug 27, 2024

DATE	QUANTITY	UNIT	DESCRIPTION	RATE	TOTAL
	1 hr	MOTR	→ cut lifting eye off box welded crack where eye was, painted welds	\$125	125 00
	7 hrs	MG09	→ changed wear plates on mold board, changed mirrors, checked lights → removed broken bolt on ring gear → welded guards above mold board → straightened step → straightened guards above mold board		875 00
	2 hrs	MEB	→ Serviced unit @ 8038 HRS		250 00
	.5 hr		Travel		63 50
			SUBTOTAL		1312 50
			GST		65 63
			TOTAL		1378 13



1348

DATE: Aug 26, 2024

Lonnie

SUBTOTAL	1500	00
GST	75	00
TOTAL	1575	00



**Box 957
Whitecourt, AB T7S 1N9
GST#: 832705594RT0001**

INVOICE
1341

DATE: Aug 21, 2024

SOLD TO: <i>Martushev Group</i>	SHIP TO:
ADDRESS: <i>Gros ser# 1DW872GXCF0669</i>	ADDRESS:
<i>ME13 CAT 0J36 EK F5H 010 90</i>	
<i>ME15 ser# 1FF00B70AEEB30384</i>	
<i>MC10 ser# 901582571266</i>	<i>3768 hrs</i>

DATE	QUANTITY	UNIT	DESCRIPTION	RATE	TOTAL
	3hrs	Gr08	→ Switched over engine components to new engine, made parts list, checked hoses under engine	\$125	375 00
	1 hr	M602	→ Bolt belly pans back on → replaced missing Hardware		125 00
	3hrs	M019	→ Removed injectors → Built engine stand to transport		375 00
	1hr	ME13	welded 2 pins in track link		125 00
	2hrs	ME15	→ Installed hose to thumb → bolted up panel → checked thumb was only working on way, found coil unplugged		250 00
	1hr	mc10	→ checked over unit for auction → changed oil filters → straightened hood latch		125 00
	.5hr		travel		62 50
				SUBTOTAL	1437 50
				GST	71 88
				TOTAL	1509 38

K & C Graphics(2008) Inc

K & C Graphics(2008) Inc



Box 957
Whitecourt, AB T7S 1N9
GST#: 832705594RT0001

DATE: Aug 20 2024

SOLD TO: <i>Martushev Group</i>	SHIP TO:
ADDRESS:	ADDRESS:
<i>ME15 → 9814.3 HRS</i>	
<i>Serial # 1FFDDG70AEE830384</i>	

DATE	QUANTITY	UNIT	DESCRIPTION	RATE	TOTAL
	11 hrs	MELIS	→ Installed Boom, stick, bucket belly pans, panels → added hydraulic oil, coolant → greased	\$125	1375 00
	.5 hr		Travel		62 50
				SUBTOTAL	1437 50
				GST	71 88
				TOTAL	1509 38



Box 957
Whitecourt, AB T7S 1N9
GST#: 832705594RT0001

INVOICE

1339

DATE: Aug 19, 2024

SOLD TO: <u>Martushev Group</u>	SHIP TO:
ADDRESS:	ADDRESS:
ME24 ser# CAT336FKSS00297	9580 HRS
ME13 ser# CAT0336EK FJH01090	

DATE	QUANTITY	UNIT	DESCRIPTION	RATE	TOTAL
	1.5 hr	ME24	→ Replaced dipstick tube, r → Replaced NOX sensor → Tightened loose crankcase breather tube	\$125	187 50
	8 hrs	ME13	→ Straightened bent panels → Installed pans and panels around engine → Installed fan shroud → changed filters, added coolant, hydraulic oil, bled pumps → inspected undercarriage, has 1 broken link		1000 00
	.5 hr	Travel			62 50
SUBTOTAL					1250 00
GST					62 50
TOTAL					1312 50

**INVOICE**
1338

DATE: Aug 16, 2024

SOLD TO:

SHIP TO:

ADDRESS:

ADDRESS:

872G SC# 1DW872G-XCFD669152

ME10 ser# 1FF300GXJ5F734072 6971 hrs

DATE	QUANTITY	UNIT	DESCRIPTION	RATE	TOTAL
	7.5 hrs	8726	→ finished pulling engine, started installing coding package → straightened bent bracket, installed batteries	\$125	937 50
	1 hr	MEO	→ Installed pans underneath		125 00
	.5 hr		Travel		62 50
				SUBTOTAL	1125 00
				GST	56 25
				TOTAL	1181 25

K & C Graphics(2008) Inc

**INVOICE**
1337

DATE: Aug 15, 2024

DATE	QUANTITY	UNIT	DESCRIPTION	RATE	TOTAL
			4hrs mulcher → Fixed leaks, build hose and 470 tigerant changed fitting, added hydraulic oil → tightened bolt → cleaned debris out of head	\$125	500 00
	1 hrs	MBO5	→ Installed batteries moved into wash bay		125 00
	6.5 hrs	8726 mulcher	→ Removed cooling package, started removing engine		812 50
	.5 hr		Travel		62 50
			SUBTOTAL		1500 00
			GST		75 00
			TOTAL		1575 00



Box 957
Whitecourt, AB T7S 1N9
GST#: 832705594RT0001

INVOICE

1336

DATE: Aug 14, 2024

TO: Martushev

SHIP TO:

ADDRESS: ME10 ser# 1FF 300 CX 55F 731
ME24 CAT 336 FKSSN 00297
MBOS ser# 87012738 19425 hrs
470 Tiger Cat ser# 470 0111 306 hrs

ADDRESS: 6971 hrs
9580 hrs

DATE	QUANTITY	UNIT	DESCRIPTION	RATE	TOTAL
	7 hrs	ME10	→ Finished installing engine → started up → removed caulking from back window → fixed hydraulic leak	\$125	875 00
	ME24		→ Helped Clint install left idler and get tracks on		
	1 hr	MBOS	→ removed batteries		125 00
	2 hrs	Tiger cat 470	→ started checking over → fixed hydraulic leak → changed air filters, blew out cab filters, checked AK		250 00
	.5 hr		Travel		62 50
				SUBTOTAL	1315 50
				GST	62 63
				TOTAL	1378 13



Box 957
Whitecourt, AB T7S 1N9
GST#: 832705594RT0001

INVOICE
1335

DATE: Aug 13, 2024

TO: Martushev Group

SHIP TO:

RESS: MBOS

ADDRESS:

Link Belt 210X4EX

ser# LBX 210A 7NL HEX 2051

1964 hrs

MBOS ser# 87012738 19425 hrs

DATE	QUANTITY	UNIT	DESCRIPTION	RATE	TOTAL
	4 hrs	MBOS	→ Installed, straightened panels → welded plate on for boom matting, finish bolting matting on → boosted moved to get washed	\$125	500 00
	2.5 hrs	Linkbelt 210X4EX	→ changed fuel box → changed hydraulic filter oring was missing		312 50
	3 hrs	Fuel Tank 4081325	→ Installed flow meter, made bracket to hold meter, retaped fittings. → picked up fittings needed from Red L		375 00
	.5 hr	Travel			62 50
				SUBTOTAL	1250 00
				GST	62 50
				TOTAL	1312 50



INVOICE

1333

Box 957
Whitecourt, AB T7S 1N9
GST#: 832705594RT0001

DATE: Aug 12, 2024

TO: Martushev Group

SHIP TO:

ADDRESS: ME10 #1FF300GX5JF734072 6971 hrs

MB05 #87012738 19425 hrs

DATE	QUANTITY	UNIT	DESCRIPTION	RATE	TOTAL
	3.5 hrs	ME10	→ Installed plates → Installed engine ducting → put in anti-freeze → Installed Air cooler, air intake → changed 1 pannel, straightened others → changed Def tank guards	\$125	437 50
	8 hrs	MB05	→ skid unit out to work on → put tracks on, took 1 link out of each track, welded link, adjusted track tension → installed matting on top of boom → boosted machine to get running		1000 00
	.5 hr		Travel		62 50
SUBTOTAL					1500 00
GST					75 00
TOTAL					1575 00

**INVOICE**
1332

DATE: Aug 8, 2024

TO: Mark Sheu Group

SHIP TO:

ADDRESS:

ADDRESS:

K & C Graphics(2008) Inc



Box 957
Whitecourt, AB T7S 1N9
GST#: 832705594RT0001

INVOICE

1331

DATE: Aug 7, 2024

TO: Martushev Group	SHIP TO:
ADDRESS:	ADDRESS:

DATE	QUANTITY	UNIT	DESCRIPTION	RATE	TOTAL
	3 hrs	U/L	Ser# VCE CR235 C00310846 5868 HRS → checked over, repaired light wiring → got all filter #'s → hook hose back onto coolant reservoir → fixed mirror	\$125	375 00
	2.5 hrs	ME-10	→ Built spreader bar to install engine, started to install new engine		937 50
	.5 hr		ser# 1FF300 GX55F731072 travel		62 50
				SUBTOTAL	1375 00
				GST	68 75
				TOTAL	1443 75



Box 957
Whitecourt, AB T7S 1N9
GST#: 832705594RT0001

INVOICE
1328

DATE: Aug 6, 2024

TO: <u>Martushev Group</u>	SHIP TO:
ADDRESS: <u>Me24 9580 hrs</u>	ADDRESS:
<u>Link belt 210X4 EX 1964 hrs</u>	
<u>Volvo ECR235EL 5868 hrs</u>	

DATE	QUANTITY	UNIT	DESCRIPTION	RATE	TOTAL
	7hrs	ME24	CAT336F Ser#CAT336FKSSN 00297 → Serviced except engine oil → checked over, checked undercarriage → fixed wiring for lights → added coolant → checked def code, injector was missing → straightened panels, adjusted door striker, blew off machine	\$125	875 00
	1hr	MD01	→ Installed RH axle shaft, tested unit		175 00
	2 hrs	Linkbelt Excavator bucket	→ removed Fixed thumb and ↳ Ser# LBX210Q 7NL HEX 2051		250 00
	1.5 hrs	Volvo Excavator ECR235EL	Ser# VCECR235C00310846 → checked track tensioner, tightened track, checked didn't seem to leak down		187 50
	.5hr	Travel			62 50
			SUBTOTAL		1500 00
			GST		75 00
			TOTAL		1575 00



1329

DATE: Aug. 5, 2024

SHIP TO:

ADDRESS:

m008 12342 hrs

K & C Graphics(2008) Inc



Box 957
Whitecourt, AB T7S 1N9
GST#: 832705594RT0001

INVOICE
1325

DATE: Aug 2, 2024

OLD TO: <u>Martushev Group</u>	SHIP TO:
ADDRESS:	ADDRESS:
<u>9139 HRS</u>	
<u>MD07 Ser# CAT00D6TAZ5B00480</u>	<u>(Lonnie)</u>

DATE	QUANTITY	UNIT	DESCRIPTION	RATE	TOTAL
	11	MD07	→ straightened Lt engine pannel → greased equalizer bar → installed stump pans and made 4 new bolt brackets to bolt pans on → drilled and tapped all holes for left door kick plate and installed plate → welded nuts on for brush guards → straightened and installed missing hardware in master switch box → Installed 2 left track links → cleaned out track tensioner cover holes and tapped holes threads were bad → cleaned out and installed missing hardware in winch case, was letting water in	\$125	1375 00
	.5hr	Travel			62 50
		Shop Supplies			35 00
				SUBTOTAL	1472 50
				GST	73 69
				TOTAL	1546 13

**INVOICE**
1326

DATE: Aug 1, 2024

LD TO: Martushev Group

SHIP TO:

ADDRESS:

ADDRESS:

MO07 ser# CAT0006TA25B00480 9/13/92

MD122 ser# ~~INAXX~~ BOX-2-9077043 35398h/s

Lonnie

K & C Graphics(2008) Inc