

Unit	Model	Date	Work Order Details
1593	470GLC	7/13/2023	Remove broken bolts(lots),straighten steps
1593	470GLC	7/13/2023	Remove covers and stump pans, remove clean out mud and inspect for damages none found, replace bent and damaged bolts, remove headlight cover and clean out mud wash light reassemble. Call loader over to straighten cab belly pan.
1593	470GLC	7/14/2023	Remove broken mirrors order new,
1593	470GLC	7/14/2023	FLHA-Finish installing missing bolts on stump pans order parts.
1593	470GLC	7/14/2023	Remove /install def cover & handle assist welder. LOTO
1593	470GLC	7/14/2023	Lance pin,cut ends of pin off,get pin out
1593	470GLC	7/14/2023	Removed the quick attach pins plus the H link pins help the welder remove the stick noise pin
1593	470GLC	7/14/2023	Help remove Q/A
1593	470GLC	7/14/2023	Remove pin lock cap plug and lock pin, attempted to hammer out dipper/ attachment pin but had shoulder worn, block up bracket and got pin to move. Relocate machine in line up. While moving noticed RH final drive motor would almost stall on LH turn.
1593	470GLC	7/14/2023	Extract broken bolts from handrail on def tank
1593	470GLC	7/14/2023	Remove bolts on door, mud packed in hinge area, chisel out mud up to 4" thick, once open, remove both screens and straighten 6 lovers. Finish clean out mud. Remove battery box cooling fan cover and clean out / chisel mud from area clean fan as seized. Works as should replace cover.
1593	470GLC	7/15/2023	Looked up the parts needed to put quick attach back on the unit
1593	470GLC	7/15/2023	Remove & install rad grill/ straighten door and remaining louvers as best as possible. Install screens.
1593	470GLC	7/15/2023	Build up bore hole and face
1593	470GLC	7/16/2023	Bore and face buil up
1593	470GLC	7/17/2023	Pulled final apart, small amount of grey metallic looking oil but not concerning, final is wore but not out of service. cleaned and put back together. Got filled and pulled motor cover, got called off
1593	470GLC	7/18/2023	Line bore and face stick end
1593	470GLC	7/18/2023	Clean out nose of stick clean up area, set up with line boar guy for machining.
1593	470GLC	7/18/2023	Safety meeting and morning meeting Check over unit warm up to temp and check pilot pressure for travel motor and actual pressures, all with in spec go test and all seem ok, make up hose and test case drain hi but unit has no issues walking straight and turning.

1593	470GLC	7/19/2023	I line bore and face stick end
1593	470GLC	7/20/2023	Line bore and face stick end
1593	470GLC	7/21/2023	Install stick nose bushings, install h-link and dogbones, pin Hlink to bucket cylinder. No pin retainer bolts at the unit or ordered still have to figure that out. Start installing QA, find pins pulled for the unit are way to short. End of day cleanup.
1593	470GLC	7/21/2023	Set up safe work area installed new bushings in buck pin bore, cleaned H-link, bins and bores installed pins and shimmed H-link, dog bones. Installed quick attach and found that the wrong pins were ordered
1593	470GLC	7/23/2023	Locate parts. Install q/a. Install keeper pins, install grease Orings call for lube truck to grease pins.
1593	470GLC	7/23/2023	Installed new pin on quick attach installed new seals Mounted keeper pins unit will need to be greased before going back to work
1593	470GLC	7/23/2023	Installed travel motor guard
1593	470GLC	7/24/2023	Check travel operation-good. Install cover. Park unit and cleanup garbage and propane ect.
1593	470GLC	7/24/2023	Set up safe work Area, tested unit couldn't find any travel motor walking problems
1593	470GLC	7/29/2023	Install radio
1593	470GLC	8/4/2023	Tighten bucket wedge and check oil leak
1593	470GLC	8/7/2023	Find unit at Pony Express. Drop bottom panels and inspect leak. Clean up all engine oil. Start & run unit. Check for leak after a bit of running at high idle. No visible leaks. Hop in cab and add full load to engine. Check underside and oil everywhere. Clean up oil again and get operator to run engine under load whole Check. Viewed engine oil leaking from pan gasket. Ordered parts.
1593	470GLC	8/10/2023	Replace oil pan gasket and check for leaks. None noted. Called unit up
1593	470GLC	8/11/2023	Called to unit for overheating. Could not get it to overheat but found a/c belt missing. Ordered a new one
1593	470GLC	8/12/2023	Remove loose track pads, clean up all surfaces and install with new hardware
1593	470GLC	8/13/2023	Went to install gauges and Foyt belt missing, seized tension idslr. Lookup parts and order
1593	470GLC	8/14/2023	Remove install rear pans access engine A/C belt and tensioner, replace both. Extra time taken as engine hot let cool. Found many plastic pieces nearby after checking found fan blade broken possibly caused by belt as didn't find it. Start run engine tested a/c works as should.
1593	470GLC	8/15/2023	Gouge out crack in frog

1593	470GLC	8/16/2023	Weld up frog crack, back gouge inside of crack and finish welding
1593	470GLC	8/17/2023	Replace fan broke from failed ac pulley
1593	470GLC	8/23/2023	Trouble shoot engine light found the only thing active was the service hours where over reset then could not get a code to come up
1593	470GLC	8/29/2023	Travel out to unit and found A/C idler no good looked parts up said there in stock went and picked up from the yard they are not the right ones ordered proper parts had to prime the fuel system and air boosted the get running
1593	470GLC	8/30/2023	Gathered parts, drove out to machine, removed amd replaced bucket teeth
1593	470GLC	8/30/2023	Had to let unit cool down to hot to put arm in to install the A/C idler pulley and belt when cooled down enough installed the pulley and belt tested and A/C working good
1593	470GLC	8/31/2023	Complaint of broken mirror on cab, inspected unit, ordered smashed mirror, ordered window wipper arm that had been ripped off, closed front windshield properly
1593	470GLC	9/9/2023	Removed bucket for unit 1429. Coupler bolts seized.
1593	470GLC	9/10/2023	Install mirror
1593	470GLC	9/20/2023	Operator complaint of codes, drove out to machine inspected unit, turbo speed sensor is throwing codes for faulty readings, sensor is soaked in oil from failed seal, ordered replacement seals and turbo speed sensor
1593	470GLC	9/24/2023	Grabbed parts, drove out to machine, replaced turbo speed sensor and turbo charger oil inlet o-ring, ran up machine, checked for leaks, no active codes, called unit up
1593	470GLC	9/25/2023	Remove broken screen from fuel tank
1593	470GLC	10/6/2023	Replace damaged wiper arm and blade assy.
1593	470GLC	10/7/2023	Travel to unit and check seat suspension operation. Found seat valve/switch assembly was busted. Ordered parts
1593	470GLC	10/9/2023	Replace seat valve and tested. Tested good
1593	470GLC	10/12/2023	Check for seat back not reclining. Found cable was busted. Adjust seat for operator and order parts
1593	470GLC	10/13/2023	Replace seat back recline cable
1593	470GLC	10/13/2023	Found codes for Air throttle sensor and derate not active. Check all wiring and clean connectors. Could not get codes to come back
1593	470GLC	10/21/2023	Replace 1 broken latch. Order another.
1593	470GLC	10/24/2023	Unit died in pit. Found espar lines pulled out and dumped fuel. Re connect, and test.
1593	470GLC	11/9/2023	Search for unit. Replace other broken hood latch.
1593	470GLC	11/27/2023	Help with troubleshooting

1593	470GLC	11/27/2023	Left hcl at 3:00 drove to machine waited for it to finish loading trucks. Found def faults. Tried to hook up to machine and had trouble with computer. Drove back to hcl.
1593	470GLC	11/27/2023	Pack up and get brought out to machine with laptop. Fault 3516-07 for DEF concentration sensor obstructed. Test wiring, pull def tank header out. Tank is full of debris and filters are dirty. Couldn't drain tank because the plug is stripped. Machine is in final derate mode, couldn't clear any faults. Suspect software update or header replacement needed.
1593	470GLC	11/28/2023	Assisted with def diagnostics
1593	470GLC	11/28/2023	Diag and order parts
1593	470GLC	11/30/2023	Get parts. Replace def header. Run functionality tests. Reinstall panels/rails. Return unit to service.
1593	470GLC	11/30/2023	Install def header, test unit
1593	470GLC	12/6/2023	Fault code 5435-31 for def pump pressure fault. Test dosing system, checks out good. Software update is required. Current ECU software version is: SW63589H. System is showing about 18 updates related to this fault code. Cleared faults and put back to work.
1593	470GLC	12/6/2023	Codes for def pressure active. Run functionality test, codes cleared. Unit may need software update
1593	470GLC	12/6/2023	Corked machine
1593	470GLC	12/7/2023	Dosing unit pump fault code 5435.31. Run tests with service advisor. Pump up pressure jumps to 170 the. Holds at 140 psi. Code still active. Check for def leaks. Remove and inspect def filter. Unable to get any pump pressure now. Test scr performance. Started service regen and got def to pressure up. Held steady at 130 psi (900kPa) throughout service regen. Checks connections at def pump. Checked Tyco connector for fluid. None, connector clean. Codes cleared on their own on unit. Passed service regen. Held 130 psi the whole test. Perform Dosing system high flow rate test. Test passed. No visible leaks. Codes cleared. Call up 8640 hours
1593	470GLC	12/8/2023	Inspect suction lines for leaks, inspect header piping. Did def pressure test but only got up to 100psi before it kick out and throw a code. Did def pump test but never would pressure up.
1593	470GLC	12/10/2023	Replace def pump still coded up find harness unplugged to def header re install run up and regen unit
1593	470GLC	12/16/2023	Repair multiple hyd leaks
1593	470GLC	12/17/2023	Assisted lubers with service
1593	470GLC	12/17/2023	Assist with service

1593	470GLC	1/3/2024	Fixed wiring to compressor
1593	470GLC	1/5/2024	Tighten bucket wedge at ped 6
1593	470GLC	1/5/2024	Heat and boost
1593	470GLC	1/10/2024	Diagnose engine faults and derate for ecm and supply voltage #6 circuit. Egr valve is cause. Pulled off parked truck at HCL and installed. Order parts.
1593	470GLC	1/12/2024	Install EGR valve on 1651 that was taken for this machine.
1593	470GLC	1/15/2024	Tarp in, heat, and start.
1593	470GLC	1/16/2024	Inspect hyd leak. Bucket cylinder blew out rod end packing. Order parts. Went back to machine later in day for bucket edge. Measure up and check for parts. 14 bolts and ~85.5 inches long.
1593	470GLC	1/17/2024	Audible codes present, noticed def empty. Go to yard and grab def. Fill tank. Clear codes. No more audible codes and machine no longer derated. Send to work
1593	470GLC	1/17/2024	Had code for DOC outlet low. Plugged in found inlet and outlet same temp. Did regen and it went out on its own.
1593	470GLC	1/18/2024	Unit ran out of def previous night. Soot level high. Do another regen, all codes cleared.
1593	470GLC	1/18/2024	Repair misc leaks bend belly pans back extract broken bolts and get belly pans secured again
1593	470GLC	1/19/2024	Load bucket cylinder in yard, travel to unit, remove and replace bucket cylinder and, hose and pipe o rings, run unit and no leaks, call for hyd oil, travel back to yard and put cylinder on pallet
1593	470GLC	1/20/2024	Locate unit has a Volvo bucket again need to order an edge
1593	470GLC	1/20/2024	Boost to start
1593	470GLC	1/22/2024	Remove and replace bucket.
1593	470GLC	2/7/2024	Diagnose hydraulic issues. Cut filters. Pumps failed. Came back later in day to cut more filters and install new. No tank filter is installed due to no stock. Clean up around machine and lock out.
1593	470GLC	2/9/2024	Checked over machine. Filled out paperwork. Did inspection as good as possible without running machine. It is missing return filter. Did not start.
1593	470GLC	2/11/2024	Drove to machine. Removed axles to toe machine. Started with supervisor permission to raise boom. Helped rig machine and get it pulled out.
1593	470GLC	2/13/2024	Drove to machine. Assisted truck drivers load machine.
1593	470GLC	3/1/2024	Strip machine, put away panels

1593	470GLC	3/1/2024	Unit is in for hydraulic, removed belly's pans, removed engine compartment panels, hood and doors, parts marked and stacked beside unit to be washed, hardware placed in a parts bag and placed in the cab.
1593	470GLC	4/5/2024	Remove bucket, prep machine to be moved, warm up dozer out back to move excavator. Push machine to wash bay. Clean up path of travel after
1593	470GLC	4/6/2024	Move machine out of washbay and park in lineup
1593	470GLC	4/9/2024	start pump removal
1593	470GLC	4/10/2024	remove pump and hoses found no filter in tank and suction screen broken found brass in tank
1593	470GLC	4/11/2024	clean tank check cooler bypass
1593	470GLC	5/22/2024	install pump install engine ecm
1593	470GLC	5/22/2024	Work on unit with mel
1593	470GLC	5/23/2024	Strip def pump and tank , start installing tin work
1593	470GLC	5/26/2024	Cut clean and paint unit numbers
1593	470GLC	5/26/2024	Create unit numbers
1593	470GLC	5/30/2024	reassemble exhaust
1593	470GLC	5/31/2024	install blanking plates assemble firewall install exhaust system install sheet metal install axles
1593	470GLC	6/1/2024	fill final drives test hydraulic system repair wiring for level sensor install sheet metal
1593	470GLC	6/2/2024	Install stump pans with mel
1593	470GLC	6/2/2024	install stump pans trouble shoot ac order parts start removing heater motor
1593	470GLC	6/3/2024	replace heater motor replace ac belt and adjuster charge up ac check for oil leaks
1593	470GLC	6/4/2024	check fan control remove solinoid clean up install fan still needs calibration repair hyd leaks repair wiring
1593	470GLC	6/8/2024	Repair cracked stick
1593	470GLC	6/9/2024	Build unit number brackets and install unit numbers . Remove broken bolts from hand rail mounts
1593	470GLC	6/17/2024	Grind and weld hard bar.
1593	470GLC	6/19/2024	check over fan circuit order parts remove seat start installing new covers
1593	470GLC	6/19/2024	Clean quick attached.
1593	470GLC	6/20/2024	finish installing seat covers install seat remove fan control valve disassemble
1593	470GLC	6/21/2024	clean fan control valve install check temp signal not communicating ecm issues
1593	470GLC	6/22/2024	Remove pins and grind bors.

1593	470GLC	6/30/2024	install travel alarm mobe out
1593	470GLC	7/6/2024	Grab unit and bring to pad, perform service on unit, lube fuel filters in kit are wrong ones, make up parts list and order proper filters,two broken grease zerks for main bucket pin , installed new zerks and point would not take grease, hooked up porta power and pin would still not take, pulled zerks and tried drilling out, will give it one more try with a longer drill bit tommorow and if that doesn't work we will be to pull the pin. When fuel and lube filters arrive will just need to swap those out and fill engine, remainder of service is complete.
1593	470GLC	7/9/2024	Set up work area, grab remaining filters that came in, change lube and fuel filter, backfill lube truck, fill engine oil, fire up and check for leaks, bucket pin has play, got to parts and get shims, shim bucket and test, looks good, drive unit to lube sea can, grab oil transfer pump from big shop, set up pump and top up hydraulic to proper level, park unit up in up line, clean up
1593	470GLC	7/27/2024	Weld bors.
1593	470GLC	8/19/2024	Complete Mob inspection on unit. Make parts list and order parts. (Rmt302)
1593	470GLC	8/23/2024	Check cause of slow left track and slow swing. Code on dash is for pump control valve solenoid. Clear code and test, machine returned to normal for a while. Then code came back. Comes and goes. Could be bad solenoid causing intermittent fault. Will check out wiring and troubleshoot further tomorrow. (Rmt302)
1593	470GLC	8/24/2024	Check wiring. All seems good. Run machine for 30 min with no code. Possible bad solenoid from rebuilt pumps. Lookup and order parts. (Rmt302) code only came on once today.
1593	470GLC	8/30/2024	Travel to unit try to get permission to go into area where unit is parked couldn't get any so had to head out
1593	470GLC	9/1/2024	Replace pump solenoid try to connect service advisor not working have to get updated and then do a pump learn
1593	470GLC	9/2/2024	Re license service advisor and and try do to pump learn but need a hitachi connector to do so
1593	470GLC	9/11/2024	Shovel travel and adjust tracks
1593	470GLC	9/12/2024	Radio keeps going dead when mic is held on. Coax cable is bent very bad right at radio. Strip and crimp new coax end and return machine to service. No issues for rest of the day. (Rmt302)
1593	470GLC	9/15/2024	Repair engine hood rod. (Rmt302)

1593	470GLC	9/16/2024	Check cause of leak. Leaking from top swivel joint fitting. Remove and replace o rings. Reinstall and leaking still from around threads. further up fitting and not from o ring seal. Fitting is cracked. Will order parts. (Rmt302)
1593	470GLC	9/23/2024	Remove snd install new swivel joint fitting. Run and test no leaks. Check over machine before rental. Found hose weeping/leaking in pump compartment. Change o ring on hose but o ring looked good. Could be leaking at crimp. Order hose and clean up oil. Hydraulic oil is low. Travel to get lube truck and travel back. Top up oil and start no leaks.
1593	470GLC	9/30/2024	Pull house pans for hyd leak looks like swivel is leaking
1593	470GLC	10/1/2024	Replace leaking hyd hoses
1593	470GLC	10/18/2024	Drive to unit look into no heat, issue is with espar being tied into heater lines in series, no coolant flow in lines
1593	470GLC	10/18/2024	Turbo hiem joint for wastegate is worn out and falls off actuator lever
1593	470GLC	11/7/2024	Check over unit, remount hardmount radio to a better location. (Rmt302)
1593	470GLC	11/14/2024	Start with reinstall track adjuster fitting. Start up unit and let warm up to check track tension. Notice cab is ice cold. Look for taps. Remove panels from under machine and inspect hoses. Could not find any but auxiliary coolant lines are ice cold. Even supply line out of block. Check all lines for kinks, pinches/blockages. Found DEF tank had been removed/deleted and someone had individually blocked off the coolant hoses to what would be the DEF tank heater loop. Effectively breaking the circle and stopping the flow of coolant. Connect hoses together completing the loop. Cooling system is so badly air locked. After several hours I have warm coolant everywhere but the heater core return and half the Webasto. Machine running low on coolant so will have to come back tomorrow and continue bleeding. (Rmt302)

1593	470GLC	11/16/2024	Continue troubleshooting no heat. Run machine up to temp. Get coolant to 80°C and check lines. Return line from heater core is cold. Remove Webasto heater lines from the cooling system for now. Plumb in a barb T fitting and drain valve to the heater core return line at the engine. With tee in place I can visualize flow from coolant supply line and from return hose going to water pump using heater hose pinch pliers stop flow from either side of Tee fitting and it seems like more powerful flow from the water pump side of the return and not from the heater core. "Bleed" heater core circuit several times. Get lots of air out of circuit. When dumping heater core return circuit coolant into a pail I can get hot coolant in and out of the heater core. Heat in cab is still minimal. When the drain is closed and the heater core coolant return circuit is back to normal the hose cools off again. And the cab goes cold. Possible partially plugged heater core. Phone a friend and suggested I try running the heater core circuit through only the Webasto. Rig up coolant lines. Webasto will not fire. No fuel troubleshoot and get Webasto going. But throws overheat code. And coolant gets really hot on outlet hose only probably sucking some air. Will run webasto out of pails of coolant tomorrow. (Rmt302)
1593	470GLC	11/17/2024	Continue trouble shooting no heat. Run webasto only on heater core circuit and although webasto fails and stops working did get warm coolant through heater core. Disconnect webasto again and blow air through heater core. Does not seem like there is a restriction. Run hose off of T fitting where heater core supply hose used to be and run in a bucket. Coolant is just dribbling out. There is a restriction in the supply circuit. Work my way up the supply circuit until I get to the first T fitting after the block. T branch is for def injector. Remove T and find it has orifices on all three sides. I have no idea what it's for. It looks oem. And hoses haven't been removed in a long time. And are original. Remove orifice T and replace with barb fitting. Put all hoses back together and run machine up to temp. Cab now gets heat. (Rmt302)
1593	470GLC	11/18/2024	During previous troubleshooting noticed machine has loud boost leak. Check and tighten all air to air cooler piping clamps. Test machine and boost leak gone. (Rmt302)
1593	470GLC	11/25/2024	Wait for unit to come out of back side of pond check engine coolant temp after working hard was at 77 degrees compared to 1618 at 73 degress
1593	470GLC	11/27/2024	Run unit up pull samples and do service
1593	470GLC	11/28/2024	Go to unit find out what noise was charge pipe to turbo boot clamp came off. Go get new clamp install
1593	470GLC	12/3/2024	Temp check unit and compare seems to another unit seems to be hazing

1593	470GLC	12/10/2024	Start up unit. Remove heat from unit. Winter tarp unit. Remove dig bucket and install frost pick. (Rmt302)
1593	470GLC	12/10/2024	Check hydraulic leak. Unbolt stump pan. Oil is everywhere. Wash area down and blow clean. Run machine to find leak. Found 2 travel hoses loose and leaking at fittings into swivel joint. Remove hoses and fittings and replace all o rings. Reinstall fittings and Tighten hoses (Rmt302)
1593	470GLC	12/14/2024	Remove frost pick and install clean up bucket. Remove rock bucket from 1618 and After travel back to machine and remove clean up bucket and install rock bucket. (Rmt302)
1593	470GLC	12/18/2024	Heat unit to start. Get started and let run. Remove bucket. Tell operations bucket is off and told they don't need bucket anymore. Put bucket back on and park unit. (Rmt302)
1593	470GLC	2/27/2025	Fire up unit and get low bed escorted on site. Move unit to mine maintenance laydown. And escort low bed off site. (Rmt302)
1593	470GLC	2/28/2025	Mob in unit
1593	470GLC	3/1/2025	Fire unit up for float truck
1593	470GLC	3/7/2025	Complete 500 hr service.
1593	470GLC	3/7/2025	500 hr service
1593	470GLC	3/7/2025	Morning meeting. Drive to unit. Removed lower rotec cover clean oil up brake clean hoses and rotary manifold. Run unit. No leaks from there. Noticed oil coming from grease tub. Check swing oils right hand not on stick. Left low. Let supervisor know.
1593	470GLC	3/11/2025	Flip edge
1593	470GLC	3/14/2025	Drive to unit for no horn, test, horn working fine inspect connectors- ok.
1593	470GLC	3/18/2025	Demob machine, complete paper work, mine emergency mid job, had a safety stand down.
1593	470GLC	3/18/2025	2x lower steps and 1x upper step needs to be replaced
1593	470GLC	3/21/2025	Swapped bucket at PCY
1593	470GLC	4/2/2025	Perform mob inspection and check over machine. Make up a parts list and submit.
1593	470GLC	4/3/2025	Complete inspection. Chip off frozen mud from tracks and cut off corks. Remove exhaust hood and start pulling exhaust. Clean shop and make space for unit. Move unit into shop and set up for repairs.

1593	470GLC	4/4/2025	Remove RH boom lift cylinder and strip to be sent out of repair. Replace window seal for cab and door seal. Replace broken trim pieces in cabin and broken louvers. Remove components on engine and valve covers. Inspect top end of engine. No issues found. Remove engine stump pan to check if oil pan can be removed in frame. Doesn't look like it can be. Waiting on info from brandt. Remove and replace surge tank. Remove exhaust mufflers from machine and break down off of cradle. Knock out DPF and DOC. Load up on pallet and take SCR over to welding bay to be cut apart. Clean up area.
1593	470GLC	4/5/2025	Clean center of house for swing transmission removal. Remove RH swing transmission. Replace pinion seal and reinstall. Weld out sheared bolts on steps. Drilled out a couple that wouldn't come out. Strip remaining sensors and piping off of aftertreatment module. Reinstall engine hood on machine.
1593	470GLC	4/7/2025	Remove and replace plastic trim pieces in cabin. Weld up all cracks on catwalks and panels. Remove mounting block from track frame for steps. Get broken bolt out and reweld onto track frame. Drain coolant and replace VGT actuator and linkage. Had to cut off siezed linakge that was stripped. Fill coolant and calibrate VGT. All engine codes inactive now. Cleared stored faults. Replace broken louvers in cabin. Install new 2-way radio antenna.
1593	470GLC	4/7/2025	Remove catalyst, install baffles
1593	470GLC	4/8/2025	Shovel tracks. Remove and replace all 6 carrier rollers. Remove TBCL radio bracket and install TIL radio. Drop slew pan and inspect cracks on the car body. Jack up machine and split LH track. Remove sprocket from final drive to install properly. Found while cleaning up for reinstall that it was cracked. Order parts. Drain final as per supervisor due to bad samples. Clean up for the end of shift.
1593	470GLC	4/8/2025	Install baffles in muffler
1593	470GLC	4/9/2025	Replace last broken panels in the cab. Disassemble LH final drive 1st and 2nd stages. Did not find any signs of wear, oil was very clean. Clean up all parts and reassemble. Reinstall into final and Install cover. Torque to 135ft/lbs as per service manual. Fill up with 75W90. Clean up new sprocket. Clean up hub and grind off damaged flange from sprocket being installed backward. Install sprocket and torque to 550ft/lbs with red loctite as per service manual. Get machine off of stands and clean up pads. Waiting on crane to connect track. Top up fluids. Drop slew pan and go over cracks with Brian. Cut out and replace master link keepers on LH track.
1593	470GLC	4/9/2025	Baffles in muffler, weld op port holes

1593	470GLC	4/10/2025	Reinstall slew pan. Connect track, no crane available had to use lever chain hoists to connect. Install track pads. Bring in and dress repaired RH boom cylinder. Install on machine. Remove and rebearing barrel end of LH boom cylinder. Reinstall cylinder. Remove and replace broken side window for cabin. Help Kyle with engine install on 1300 for while also.
1593	470GLC	4/11/2025	Finish boom cylinder installs and check for leaks. Remove bucket cylinder and re bearing barrel end. Remove quick attack and dog bones. Send out dog bones. Remove h link and bearings and replace bearings. Reinstalled. Waiting on dog bones now.
1593	470GLC	4/16/2025	Tighten tracks
1593	470GLC	4/16/2025	Bring in dog bones. Clean up and test fit pins. Open up holes a bit to make them fit. Install h link, dog bones, pins. Grease pins. Move machine outside. Unit still needs welding repairs, service, and slew tub filled with grease.
1593	470GLC	4/18/2025	Car body repair
1593	470GLC	4/18/2025	Remove slew pan for welders. Remove covers and lines from swivels, pull lines through to give welder room to gouge and weld.
1593	470GLC	4/22/2025	Johnny gave me the task of removing the swivel gear and cleaning the grease out so Brian could weld the cracks underneath. I managed to remove at the hydraulic line and cap them off. Went to remove all of the mounting bolts. I got 4 bolts out with my 3/4 impact and then went to the 1" and could not get the rest. Will try a new plan in the morning.
1593	470GLC	4/22/2025	Car body and grease tub cracks
1593	470GLC	4/23/2025	Grease tub crack and bolt hole repair
1593	470GLC	4/23/2025	Did fire watch for welder while welding inside of grease tub. Helped move and set up equipment. Cleaned up around area.
1593	470GLC	4/23/2025	help cody with swing drive removal
1593	470GLC	4/23/2025	Began the day by removing the remaining bolts from the swing gear. Then removed drain hose, lighted swing gear out with crane and set on 12/12s, then cleaned out the grease tub for Brian to weld the crack.
1593	470GLC	4/24/2025	Helped installed travel hoses. Cut off nuts on travel hoses guards and welded on new mounting nuts. Installed both side of guards and bolted down. Filled up right side swing. Put 2 buckets of hyd oil in. Cleaned up around area and moved unit outside.

1593	470GLC	4/24/2025	Reinstalled swing gear onto the machine this morning, Steve sent me the torque procedure. I then cleaned the grease tub out from the remaining shavings and slag left over. Cleaned all of the surfaces and then put RTV silicone around the edges of the mounting hole, refilled the tub with grease. Craned up the swing gear and set it in place. Made sure all of the dowels were in position. Then put blue lock tight on each of the bolts, began tightening down the bolts with 1/2" impact. Got it flush all the way around and then got Dave to help me torque the bolts to 553ft lbs. Did cross pattern and then went once more all the way around them a second time. Marked each bolt, and then began installing all of the hydraulic lines back to there positions. Made sure all of the surfaces were clean and O rings were tight to mating surfaces. Then cleaned up the area I was working in and put the cap back on the back side of the machine.
1593	470GLC	4/24/2025	Service unit at 9852hrs
1593	470GLC	4/24/2025	worked with cody torqing LH swing drive, torqued bolts to 550ft lbs and in cris cross pattern the did second full circle torque of bolts
1593	470GLC	4/24/2025	Body fill counter weight for paint
1593	470GLC	4/24/2025	Hook up swivel hydraulic hoses and install isolator bracket. Clean and install slew pan. Came back later in the day. Filled with hydraulic oil. Spot John and get the machine outside for slew tub to be filled.
1593	470GLC	4/25/2025	Bondo counter weight and sand for paint
1593	470GLC	4/26/2025	Bondo sand mask and paint counter weight
1593	470GLC	4/28/2025	Mask and rockgaurd counterweight,unmask unit and apply new decals then load digging bucket
1593	470GLC	5/2/2025	Knocked off quick attach and cleaned up all holes and parts. Ran power cable hyd quick attach installed fuse in line and hooked up in battery box. Messaured and cut 2 hyd lines that run up the boom. Ran control wire to control valve. Filled holes in brackets for bulk heads. Released tension from tracks. Removed belly pans underneath of cab.
1593	470GLC	5/2/2025	9855hours Troubleshoot 107.15 air filter differential pressure slightly high ,test wiring -good to ECM replace air pressure sensor , unit it still reading negative inlet pressure , will read normal outside off inlet pipe , could be caused by emptied exhaust and change in turbo speed leave sensor hooked up outside intake
1593	470GLC	5/6/2025	Tightened wedge . Cut off end of tooth . Pulled down turret stump pan cleaned hoses and rotors valve ran unit did not see any leak put back together will have to monitor

1593	470GLC	5/12/2025	Drove to unit checked over and ran to find leak . Found case drain hose to rhs swing mortar was leaking . Removed hose ordered and had one brought to me . Installed hose
1593	470GLC	5/29/2025	prep and move tool box to the other shop to install quick attach
1593	470GLC	5/30/2025	Line bore
1593	470GLC	5/30/2025	install qucik attach kit
1593	470GLC	5/30/2025	Knocked off quick attach and cleaned up all holes and parts. Ran power cable hyd quick attach installed fuse in line and hooked up in battery box. Messaured and cut 2 hyd lines that run up the boom. Ran control wire to control valve. Filled holes in brackets for bulk heads. Released tension from tracks. Removed belly pans underneath of cab.
1593	470GLC	6/2/2025	Line bore
1593	470GLC	6/2/2025	install hose mounts and run lines, install new stick bearings and seals as well as h link seals, install quick attach and pin orings, paint brackets and mounts
1593	470GLC	6/3/2025	build and install lines, hook up and test qucik attach, replace leaking case drain line, top up fluids and grease bucket end of the stick, test run unit for half and hour and then move it to be washed, clean up and move tools back to the other shop
1593	470GLC	6/5/2025	Drove to unit checked 2 way installed new mic
1593	470GLC	6/11/2025	Check out security lockout , machine was tampered with , disabled security system and get machine running top up AC
1593	470GLC	6/17/2025	Travel to site and check for cause of no A/C. Find slow leak and order parts.
1593	470GLC	6/18/2025	Check out hydraulic leak drop stump pan , needs swivel , troubleshoot no AC compressor not kicking in ord parts
1593	470GLC	6/20/2025	Check out why machine is dead , ignition stayed on with key removed , boost to charge batteries and order ignition
1593	470GLC	6/21/2025	Go to change AC compressor and hose , machine parked in a lake from the rain , machine is also security locked out unable to access MP security
1593	470GLC	6/23/2025	Travel to site. Replace ignition switch. Reprogram monitor security password to the one written on the dash and disable security alarm setting off horn. Boosted unit and get it running. Clean up and travel back to the shop.
1593	470GLC	6/23/2025	Continue troubleshooting locked out machine , try different comm adapters aswell , could not communicate with unit and passwords do not work
1593	470GLC	7/1/2025	10059hours remove and replace AC compressor, replace AC hose from condenser to txv under the cab , pull vacuum out 2 oz oil in and recharge system 1kg

1593	470GLC	7/14/2025	Left lauderdale and headed to chappelle, removed old radio and installed new radio. Tested, got good response. Antenna looked virtually new. Secured into place with new mic as well.
1593	470GLC	7/24/2025	Check out bucket movement without command , Run machine up could not replicate return to service
1593	470GLC	7/31/2025	Check out no start , open fuel valve and prime fuel system , do startup