

L04-75
GR-F03

Unit	Model	Date	Work Order Details
1096	777F	9/18/2023	Assist with inspection
1096	777F	9/18/2023	Inspect unit. Found dog bone pins had play, and spin inside bores. Found top hoist pins had play, and leaking from seals.
1096	777F	10/5/2023	Pick up parts at yard. Re&re dog bone pins. Asked to Install Komatsu adjustable pins.
1096	777F	10/6/2023	Remove rhs lift cylinder, replace bearings and top pin, along with cylinder. Tested, needs hyd oil and greased.
1096	777F	10/6/2023	Load up parts and supplies at yard. Travel to camp pad park up area. Block up dump box. Top pin required lots of heating for removal. Remove hoist cyl. Install new. Grease pins and cycle dump box. Tidy work area. Unit needs hyd top up.
1096	777F	10/8/2023	Replace hyd lines.
1096	777F	10/9/2023	Finish replacing the rest of lines needed
1096	777F	1/28/2024	Started Dmob inspection
1096	777F	3/19/2024	Working on inspection Needs 2 dog bone pin retainer bolts and plates there missing
1096	777F	3/20/2024	Complete inspection repair lights install missing plates and retainers test drive around yard and is ok shifts good replace leaking hydraulic o-rings, found broken bolts on railings drill out and extract broken bolts tap threads and install new bolts right rear tail light flickering trace wiring and found butt connector not sealed and poor connection repair wiring and is ok
1096	777F	3/31/2024	Quick check over for return to service. Charge struts. Check brake steering accumulators and charge.
1096	777F	3/31/2024	Check over unit. Set ride height. Fill steering/brake accumulators
1096	777F	4/21/2024	Complaint of no a/c. Wait for unit to park up. Close coolant taps. Blows cool but seems under charged. Operator was fine with truck for rest of day, will need to be charged at shift change
1096	777F	4/22/2024	Truck coding for low accumulator pressure. Check service and park brake accumulators, all below 100 psi. Accumulators were charged 3 weeks ago. Notify supervisor
1096	777F	4/22/2024	Hook up gauges. Equalized at 40 psi. System acting undercharged, Evac system, holds vac for 20 mins. Charge system with 5.3 lbs. A/c blowing cold but system is pulling vacuum on low side. Order dryer.

1096	777F	4/23/2024	Operator complaint of engine getting hot and truck pulling left. Shoot brakes with temp gun, rear brakes a 60 deg and fronts at 120. Remove hub plugs, lh side has some metal on magnet, rh side looks fine. Check brake pressure and is within spec. No residual pressure at service brakes while brakes not applied. Notice Hyd tank oil is milky and smells like brakes. Needs more troubleshooting.
1096	777F	4/23/2024	Dog bone expander pins coming loose. Reinstall and torque pins
1096	777F	4/23/2024	Charge accumulators so truck can work for the day
1096	777F	4/24/2024	Replace and charge brake accumulators
1096	777F	4/24/2024	Front brakes still dragging after accumulator charge. Unplug front brake solenoid and assure no pressure at service brake port while pressing pedal or retarder. Drive truck around but brakes are still dragging. Strat looking into brake cooling but got pulled off
1096	777F	4/24/2024	Drive to hcl walk around unit. Make sure it's ok to start and move. Unlock unit and have operation move unit along berm out of the way. Reinstall lock. Drive back to yard.
1096	777F	4/25/2024	Lube technicians changed out milky hydraulic oil and took a sample. Cut open brake filter, found minor amounts of brake material. Go through brake cooling system, pressures are within spec. Need to measure brake pack next.
1096	777F	4/26/2024	Go through brake measuring procedure. Results are inconclusive as there is no baseline measurement. Disconnect front brake application lines and test truck, front brakes still getting hot. Wait for an operator and ride in truck back to HCL. Unable to travel faster than 22 km/h due to brake drag.
1096	777F	4/27/2024	LH front tire removed. Attempt to rotate front hub with 5 foot bar and unable to do so. Drain hub oil and remove lines. Separate hub from brake group. No wear/heat marks on bearings and spindle. Remove brake group. Disassemble brakes and inspect discs. No sign of excessive wear or heat on brake discs. Measure complete brake pack of discs, totals 101.3 mm. Brand new set is meant to measure 96.78 +/- 2.57. Friction discs measure out individually at the top and or higher then new spec. Measure all 25 discs in pack separately and totals 100.2 mm.
1096	777F	4/28/2024	Prep to remove brake cooler screens. Clean out tote and love for filter cart to pump out oil but is no longer on site. Order parts and tooling for brake job.
1096	777F	5/2/2024	Oil sample for Hyd/brake cooling oil went missing, need to pull coolers and test to find out if that's what's making oil milky. Drain coolant and Hyd oil into clean totes
1096	777F	5/2/2024	Drain coolant and hydraulic oils for cooler removal.

1096	777F	5/3/2024	Remove coolers. Found that rubber on ends is deteriorating. Make parts list. Remove cooler screens, and clean them out. Clean up parts.
1096	777F	5/18/2024	Install hoses
1096	777F	5/24/2024	LH front brake- removed old brake fibre disks, cleaned metal friction plates, assembled brake pack with hydraulic oil to soak disks. Disassembled piston and cleaned, reassembled with new seals and springs. Aligned brake disk pack with hub, installed piston cover, torqued bolts to 220 ft-lbs per sis. Re-installed hub and cleaned up work area.
1096	777F	5/25/2024	Caged brakes, removed hub from brake pack, cleaned mating surfaces on brake drum and installed with new orings torqued bolts to 580ft-lbs,. Buffed and cleaned hub, installed duo cones, pre lubed bearings, installed hub on to spindle, preformed sis procedure for setting shim pack, set shim pack to 3.27mm (old was 3.5mm) torqued pre load plate to 184ft-lbs. installed cover plate, installed hoses with new orings, installed service brake line.cleaned up area and started setting up for RH reseal.
1096	777F	5/26/2024	Drained RF hub, removed outer cover, removed bearing retainer plate, removed outer bearing, removed hub from spindle, removed brake disk drum housing from spindle, disassembled brake drum, cleaned and buffed surfaces, replaced orings and reassembled drum. Installed new fibre disks soaked in oil, cleaned steel disks and inspect as installed. Rebuild piston assemble, installed brake hub onto spindle to align brake disks. Cleaned up work area
1096	777F	5/27/2024	Cleaned spindle, installed inner duo cone retaining plate, installed brake housing drum and torqued to 580 ft-lbs, torqued brake drum cover to 220ft-lbs cleaned bearing, cleaned hub, installed duo-cones, installed hub to spindle, covered hub opening and cleaned work area.
1096	777F	5/28/2024	Did bearing preload as per sis, built shim pack to 3.14mm original was 3.4mm, installed shims and torqued plate to 81ft-lbs for initial Torque, then to a final torque of 180ft-lbs, spun hub to test, put new orings and copper rings on cover, installed cover, had both LH and RH hubs filled with oil(lube truck) installed hoses for brake cooling and service brake lines with new orings, cleaned up work area
1096	777F	5/28/2024	Buff cooler bonnets, buff caps and cooler piping, start jnstalling coolers.

1096	777F	5/29/2024	Cleaned surfaces, installed top cooler, installed lower cooler, installed front bonnet, hooked up all hoses and pipes with new orings, filled coolant filled hydraulic oil, filled powertrain oil, checked engine oil, checked steer oil. Primed pumps, ran unit for first fire up, repaired engine oil leak, ran unit. Fluids need to be topped up(hydraulic, powertrain and coolant) Unit hours- 31880
1096	777F	5/29/2024	Help Sean install cooler assy.
1096	777F	5/29/2024	Cycling oi through brake cooling check for leaks
1096	777F	5/30/2024	Run unit to operating temp, check for leaks, drive unit in yard and test brake operations.
1096	777F	5/30/2024	Inspect unit, repair LH final Drive Cover leaking rear, repair wheel speed sensor issue, perform pay cal, test a/c , check lighting, test all functions.
1096	777F	5/31/2024	Gather lines lookup where they go drain engine oil to start changing hose off the pre-lube pump.
1096	777F	6/1/2024	4000hr service/filter change on 1096 777f at hcl
1096	777F	6/1/2024	Serviced unit - has 31882 hr
1096	777F	6/2/2024	Finished 4000 hr service
1096	777F	6/2/2024	Finished 4000hr on 1096 at hcl
1096	777F	6/2/2024	Check over after service and start.
1096	777F	6/2/2024	Topped up fluids. Looked over grease lines and rerouted a couple that were at risk of getting pinched or broken. Changed a grease nipples on rear grease bank.
1096	777F	6/2/2024	Change out hydraulic hoses that were ordered. Steering and engine oils need to be filled before starting. Check over unit.
1096	777F	7/19/2024	Plug into unit. Has code for #2 lh exhaust temp high. Found turbo boot cut. Drive to laydown find replacement. Drive back to opta amd install. Torque stall unit, temps stay relatively the same.
1096	777F	7/20/2024	Test system, had hot air coming through vents. Has high restriction in system. Discharge a/c system, evac and recharge to spec. Found on hvac box seal missing between covers and is losing cold air. Duct tape over for now. Blows a bit colder. Order dryer as it was not previously ordered, and new seal.
1096	777F	7/24/2024	Lift box, remove and replace dryer. Pull panel and install seal on hvac. Evac system, charge system to spec. Blows better now. Got to about 6 deg in cab. Remove and replace drivers door latch. Tighten hinges.
1096	777F	8/3/2024	Reinstall box light
1096	777F	8/5/2024	Try tighten shifter lever worn out order parts

1096	777F	8/10/2024	Instalk pin back into bore. Tighten down
1096	777F	8/11/2024	Replace ladder
1096	777F	2/6/2025	4000h inspection Purge all four struts with oil and charge with oil to specs Charge front struts with nitrogen
1096	777F	2/6/2025	Heated machine to get machine started, checked all lights and performed machine inspection. Flushed oil from struts, checked all components in cab, made parts list.
1096	777F	2/7/2025	Charged rear struts to proper ride height, book called for 40.5 inches pin to pin, truck was charged to proper spec.
1096	777F	2/12/2025	Heat unit up and fire to check for leaks. Found torque filter leaking. Shut down and replace oring. Refire and check. No noted leaks at this time
1096	777F	2/14/2025	Tarp rad
1096	777F	2/15/2025	Went to unit, inspected cab for radio mount and connections, made list of what was missing to install radio
1096	777F	2/19/2025	Topped up engine oil.
1096	777F	2/20/2025	Went to unit, installed hard mount 2 way radio
1096	777F	2/22/2025	Pick kit. Drive to unit. Complete service to unit. Test run. Give unit back to ops. Drive back to laydown.
1096	777F	2/22/2025	Pick kit. Drive to unit. Set up work area. Complete 250 hour service. Test unit. Call unit up. Clean up work area. Drive back to yard
1096	777F	2/27/2025	installed new spud and stem
1096	777F	2/27/2025	installed inner stem spud lock ring
1096	777F	2/28/2025	Pick kit. Drive to unit. Set up area. Complete service to unit. Test run and adjust levels. Unit called up. Drive back to yard.
1096	777F	2/28/2025	Picked up the filters, drive to location, set up work area, warm up the truck, took samples, changed all the filters, engine oil and front hubs Clean up Drive back
1096	777F	2/28/2025	Assist with service on unit.
1096	777F	3/4/2025	Travel to machine, remove dash components and shift/hoist controls. Fix loose indicator and loose shift knob. Remove and replace oil level sensor, Remove and replace mud flap.
1096	777F	3/7/2025	Install misc parts
1096	777F	3/22/2025	Start up, check over. No leaks. Missing/broken steering column cover. Ordered parts. Unit is up
1096	777F	3/24/2025	Complaint radio isn't working. Antenna coax end broken.

1096	777F	3/26/2025	Get steering column adjustment working and install new panels. Install new headlight assembly
1096	777F	3/29/2025	Drive to unit set up work area deflated tires removed rock and inflate tires
1096	777F	4/6/2025	Drive to unit set up work area inspect window latch and order needed parts
1096	777F	4/14/2025	Services 1096 haul trucks 26L50 hr
1096	777F	4/14/2025	Picked up the filters, drive to location, set up work area, took samples, changed engine air filter, cab filter and fuel water seperator Took samples Changed front hub oils
1096	777F	4/15/2025	Change window latch
1096	777F	4/15/2025	Diag no reverse gear. Find hoist lever getting stuck blow dust out and free up, was getting stuck in box power down (cuts out reverse)
1096	777F	4/15/2025	Repair left head light
1096	777F	4/23/2025	Repair Rh box lights
1096	777F	4/25/2025	Change hyd oil and hyd filters. Inspect the machine
1096	777F	4/25/2025	Change hydraulic oil and filters @NP2
1096	777F	4/28/2025	Ran out of fuel, prime and start
1096	777F	4/28/2025	Travel to machine, check fuel. Out of fuel. Get machine filled and prime.
1096	777F	5/1/2025	Services 1096 100hrs
1096	777F	5/1/2025	Completed 1000hr service on unit at Np2. Missing one outer engine air filters for service because not in stock.
1096	777F	5/6/2025	Puddle of oil under truck. Found -6 hardline had broken at flange. Remove line and cap ports. Have welder braze line. Install line. Order new line. Remove tarp from grill
1096	777F	5/6/2025	Braze hydraulic line
1096	777F	5/9/2025	Replace hard line
1096	777F	5/16/2025	Service due 250hrs
1096	777F	5/16/2025	Get eng oil and hubs samples. Change air and cab filters at np2. Inspect the machine
1096	777F	5/20/2025	Repair burnt out headlight. Box lights/fog light need to be replaced
1096	777F	5/20/2025	Drive to unit and set up work area tighten head lights mounts and adjust head lights
1096	777F	5/21/2025	Assist Johnny on troubleshooting box lights
1096	777F	5/21/2025	Drive to unit and set up work area and replace all head lights in bumper and adjust lights
1096	777F	5/21/2025	Drive to unit and set up work area replace box lights and found turn and running lights short together
1096	777F	5/22/2025	Remove 3 wire from Rh box light and run new 3 wire through conduit. Rewire tail/signal lights. Replace burnt out head light

1096	777F	6/7/2025	Drained hyd tank and torque, changed hyd filters
1096	777F	6/7/2025	Drain hyd and torque. Change hyd filters
1096	777F	6/9/2025	Filled hyd
1096	777F	6/9/2025	Drive to unit and drain all hydraulic oil drain brake cooling tubes both lift cylinders, torque filter housing and brake cooler reinstall all lines and tube with new o-rings
1096	777F	6/9/2025	Added hyd oil, lifted box and topped up.
1096	777F	7/13/2025	Check all lights
1096	777F	7/17/2025	Parts arrived ,Tail light, replaced pigtail .