

Unit	Model	Date	Work Order Details
1685	SY500H	6/22/2023	Change injector lines
1685	SY500H	6/22/2023	changed fuel lines following procedure from dealer. Documented and photographed job for warranty
1685	SY500H	6/24/2023	Complaints of low voltage code , damage signal wire from alternator and plug damaged falling out . Repaired and tested alternator and batterys . System voltage good Sent back to work
1685	SY500H	7/17/2023	Troubleshoot wiper not working. Found blown fuse behind cab. Replaced fuse and tested ... Working
1685	SY500H	7/18/2023	Tried forcing regen. Commented laptop, ran tests. Scr inlet and outlet temp sensors not reading
1685	SY500H	7/23/2023	Look into def issues/ code was only able to show codes couldn't do calibration for backpressure controller
1685	SY500H	7/24/2023	Inspect unit for turbo actuator failed
1685	SY500H	7/30/2023	Assist with repairs on unit
1685	SY500H	7/30/2023	Removed butterfly valve from back of turbo
1685	SY500H	8/3/2023	Replace exhaust galve
1685	SY500H	8/3/2023	Replaced turbo control valve, did regen, put guards on
1685	SY500H	8/10/2023	Drive to unit inspect and take photos
1685	SY500H	8/15/2023	Return line assembly leaking. Hose clamped to stop leak. Ordered new hose assembly to repair properly
1685	SY500H	8/17/2023	Go to and investigate oil leak Oil cap lost. Briefly looked for could not find. Fuel and lube ordered new one. They also ordered fuel filters for fuel filter issue
1685	SY500H	8/24/2023	Unit missing oils cap and in the way on X4 stock pile . Moved unit out of way of operations . Searched high and low for missing oil cap and disassembled belly pans . Looked in sea-cans for spare . No luck oil cap on order . Moved Hoe to X4 crossing . Locked out
1685	SY500H	9/20/2023	Located unit , inspected sprockets and took pictures
1685	SY500H	9/22/2023	Inspected belly pans and sump area for build up of peat debris
1685	SY500H	10/5/2023	Get unit staged split both tracks and replace right side final drive, and both sprockets
1685	SY500H	10/5/2023	Help finish up and get area tidy
1685	SY500H	10/5/2023	Use track pin pressure split both tracks, removed Right finale drive and both sprockets, installed new sprockets and right finale drive, wrapped tracks and pressed new pins back in

1685	SY500H	10/5/2023	-set up track press -split both tracks -walk unit off tracks -remove Rah final drive -clean and install new final drive -pin both tracks and install pads
1685	SY500H	10/5/2023	Took over from day shift and finished final drive and sprocket job. Cleaned up area , re secured RS final motor cover , topped final drive and tensioned tracks . Brought track press back to yard with wheel loader . Went over rest of unit and did check-over
1685	SY500H	10/5/2023	Press tracks apart. Change right hand final and replace segments on both sides. Wrap tracks and install new pins
1685	SY500H	10/5/2023	-loaded parts in the yard and headed out to the machine, had to have it walked to water tree laydown. - excessive mud buildup on rails caused extra time in finding the master pins and cleaning out the undercarriage and track adjuster holes -Split both tracks and replaced LH sprocket
1685	SY500H	10/5/2023	Remove tracks and remove final and install new final change out sprocket and re wrap tracks test unit for leaks all good
1685	SY500H	10/17/2023	About 4 pm went to help set pipes for power cables out in mine ... Weld ice lugs
1685	SY500H	10/17/2023	Welded ice lugs
1685	SY500H	10/18/2023	Weld ice lugs
1685	SY500H	10/18/2023	Ice lugs
1685	SY500H	11/4/2023	Make and weld brackets
1685	SY500H	11/4/2023	Measure and plans out installation of plexiglass. Get welder to make and install some posts. Install plexiglass.
1685	SY500H	11/4/2023	Operator complaint - radio loose and antenna cable end help by tape. Radio mount screws stripped out - swap out radio. Crimp new end out cable. Test radio - good.
1685	SY500H	11/4/2023	Install windshield guard
1685	SY500H	11/8/2023	Found window missing and requested new window, noticed plexi glass damaged
1685	SY500H	11/9/2023	Made plexi glass replacement for front kicker window, made plexi glass shield to replace damaged shield.
1685	SY500H	11/14/2023	Change out plexiglass
1685	SY500H	11/14/2023	Removed scratched plexi glass and replaced with new piece.
1685	SY500H	11/24/2023	Go to unit took measurements and ordered new trackpad
1685	SY500H	11/24/2023	Engine oil leak. Turbo return line leak. Oil pan gasket worn. Needs replaced. Parts ordered
1685	SY500H	11/24/2023	Go check out unit, missing tracks pad

1685	SY500H	11/24/2023	Oil pan gasket leaking. Tightened up bolts a little. Turbo drain leaking. Tried thicker o rings, still leaked. Old o rings wore grooves into oil pan tried to seal with gasket maker and no luck
1685	SY500H	11/24/2023	Found turbo return tube leaking where it goes into the engine oil pan pulled it out oof oil pan and found grooves warn where the o rings set tried to get it to seal could not
1685	SY500H	12/13/2023	Replaced track pad
1685	SY500H	12/13/2023	Check over grease system
1685	SY500H	12/27/2023	Assist changing oil pan
1685	SY500H	12/27/2023	Set up work area Clean out engine bay Removed oil pan / components in order to clear pan from frame. Clean up mounting services Installed new pan: followed Cummins: torque bolts inside working out, criss cross pattern. 221 in-lb Installed new turbo oil return line with seals Fuel and lube filled oil pan changed engine filter Run up unit, checked for leaks, none seen. Clean up work area
1685	SY500H	12/27/2023	Remove oil pan and replace, test and check for leaks , none
1685	SY500H	1/5/2024	Plexi glass cut to short, used duct tape to fill gap
1685	SY500H	1/5/2024	Fixed kick window so operator could be warm
1685	SY500H	1/13/2024	Straightened belly pan. Removed hydraulic hoses from back of boom. Need din caps to cap off lines
1685	SY500H	1/15/2024	Capped off attachment lines at the boom lines were leaking
1685	SY500H	1/18/2024	Drove out to unit got picture of hose that is need emailed it off and Ordered hyd hose for unit,
1685	SY500H	1/26/2024	Pick up parts Drive out to site Change out hydraulic hose, thaw engine and def tank. Start up unit, warm up and function test. No leaks or emission issues Clean up work area Note: Robbed oil dip stick from 1686 to put into 1685 to put unit up. End of day clean up.
1685	SY500H	2/22/2024	The DEF regeneration disable switch left on too long. Engine running ruff. Preformed a force burn
1685	SY500H	2/22/2024	Right track frame Loose pad. Tighten up loose pad. One pad missing on right side.
1685	SY500H	2/22/2024	Wait for unit to came available, 2 hours Worked with fuel and lube. Checked over unit. End of warranty inspection.
1685	SY500H	3/5/2024	Replace bucket edge on unit
1685	SY500H	3/5/2024	Replace serrated cutting edge with Adam
1685	SY500H	3/12/2024	Gouge/weld cracked bucket by ears both sides

1685	SY500H	3/15/2024	Wouldn't take grease Changed damage grease jerk and tightened track. Tracks are stretched and will need replacement soon
1685	SY500H	3/16/2024	Coaux end ripped out and radio laying on ground. Replaced coaux end and mounted radio. Tested radio to ensure it was clear and working.
1685	SY500H	3/17/2024	Remove bucket for welder
1685	SY500H	3/18/2024	Gouge/weld cracked bucked at the ear
1685	SY500H	3/18/2024	Bucket repairs completed. Install bucket on unit.
1685	SY500H	3/20/2024	Tightened track pad bolts
1685	SY500H	3/24/2024	Replace missing cutting edge bolts
1685	SY500H	4/2/2024	Hook up laptop. Delete all the DPF and emissions codes. Do a manual burn. Still no hydraulic function. Absolutely no pressures than any of the system. Try and see if there's an inspection port for pump drive. Could not find one. Removed cap off the hydraulic tank. Absolutely no oil moving. Determined that pump drive has failed. Crack, relief valves. Remove final drive gears put them in the cab. Tow the hoe from the back of the K block to the front of K block.
1685	SY500H	4/2/2024	Trouble shooting no hydraulic function
1685	SY500H	4/4/2024	Travel out to the unit. Check pressures take pictures/video on the monitor of the pressures of it running. Hook up gauges to the pressure test. Everything is zero psi. Remove hydraulic filters cut filters open check for contamination. There was no signs of contamination at all.
1685	SY500H	4/9/2024	Chip out mud from track links and bolts holes, buff mating surfaces. Install track pad.
1685	SY500H	4/9/2024	Chip out mud, buff mating surfaces, install track pad.
1685	SY500H	4/11/2024	Install grease block on stick
1685	SY500H	4/17/2024	Helped Dave remove def system
1685	SY500H	4/17/2024	Start on pulling pumps out
1685	SY500H	4/17/2024	Main seal leaking on PTO. Remove exhaust manifold and covers in the way of PTO.
1685	SY500H	4/20/2024	Cleaning and removing hydraulic pump. Order parts.
1685	SY500H	4/20/2024	Pull off and mark all hoses and connectors going to PTO. Split PTO from ringing block. Found plastic coupler was broken into several pieces. Ordered parts and cleaned up.
1685	SY500H	4/25/2024	Install new Pump drive coupler. The pump back on hook up lines. Reinstall exhaust/ scr/dpf
1685	SY500H	4/25/2024	Installed new PTO coupler.
1685	SY500H	4/25/2024	Install pump group with new coupler

1685	SY500H	4/26/2024	Finish off installing the hydraulic pump paneling. Reinstall final drive on gears. Test run all functions. Good
1685	SY500H	4/26/2024	Finish installing PTO and guards, fill with hydraulic oil. Install sun gears in final drives, run unit: adjust reliefs.
1685	SY500H	4/27/2024	Put bucket on. Adjust hydraulic pressure. Every thing works as it should now.
1685	SY500H	4/28/2024	Remove line. Make new line at laydown. Install and prime new line.
1685	SY500H	4/28/2024	Drove ago out to unit. Put new line on
1685	SY500H	5/8/2024	Diagnose faulty coolant temp sensor. Order parts
1685	SY500H	5/8/2024	Diagnose faulty coolant temp sensor.
1685	SY500H	5/8/2024	The operator said the heat gauge is running hot blow out the radiator the garage still goes to the red when you work the unit checked temperature at both radiator hoses they are at 60 needs temperature sensor ordered
1685	SY500H	5/9/2024	Rob Temp sensor out of unit and lay down. Drive out to unit in Stall sensor test run everything no over heating
1685	SY500H	5/14/2024	Got to unit out in the swamp release track tensioner got another hoe to unit fucked around till we got the track back on. Got tension on track and got it to the new lay down in the k block
1685	SY500H	5/14/2024	Argo in get track back on and walked out of mud hole
1685	SY500H	5/22/2024	Removed bolt that was still in it went back to the lay down found a bolt and reinstalled wedge
1685	SY500H	5/24/2024	Install new antenna cable connector
1685	SY500H	5/25/2024	Jb weld joystick back together. Call unit up
1685	SY500H	5/25/2024	Fixed joystick
1685	SY500H	5/26/2024	Repair joystick
1685	SY500H	5/27/2024	Travel to unit and tapped up the broken joystick more
1685	SY500H	5/27/2024	Drove to unit and taped the broken joystick back together temp fix
1685	SY500H	5/27/2024	Broken joystick loose. Taped up and temporarily fixed until parts arrived.
1685	SY500H	5/28/2024	Track fell off unit. Assist with getting unit walked out and inspect. Idler and track off. Unit completely covered in mud and will need to be cleaned
1685	SY500H	5/28/2024	Limp hoe and track to solid grown.
1685	SY500H	5/28/2024	Travel to unit and tapped handle up tell new handle comes in
1685	SY500H	5/28/2024	Went and helped get unit to a good place to work on it needs track frame cleaned out before track can be installed

1685	SY500H	6/1/2024	Cleaned out hole and installed idler, yoke and recoil spring. Put track half on, didn't have time to get it all the way on.
1685	SY500H	6/1/2024	Drove to unit, chipped and shoveled mud out of idler adjuster hole and off of adjuster spring, installed idler, ran out of time to get track installed.
1685	SY500H	6/1/2024	Cleaned all the mud out of the track frame cleaned idler and parts installed idler back in the track frame got track half on ran out of time
1685	SY500H	6/1/2024	Drove to unit, removed old broken joystick and installed new one, reassembled cab panels.
1685	SY500H	6/1/2024	Install right joystick. Install idler assembly. Attempt to wrap track. Ran outta time
1685	SY500H	6/2/2024	Drive loader out to unit. Move machine out from muskag. Install track, tension and call up
1685	SY500H	6/2/2024	Put left-hand track back on
1685	SY500H	7/6/2024	-check over unit -add dye to fuel filter -clean top of engine -remove valve cover -run unit and check leaks - find dye in the engine oil on top of the head but no leaks from the injectors. Leak possibly from injector lines through the valve cover or the fuel pump -have engine oil changed. Advise to run unit for a shift and re sample
1685	SY500H	7/8/2024	Checked unit over
1685	SY500H	7/10/2024	-run unit for 30min and the sample engine oil
1685	SY500H	7/23/2024	Install track pads
1685	SY500H	9/28/2024	Checked unit over
1685	SY500H	10/5/2024	Replace bottom kick window with lexan.
1685	SY500H	10/6/2024	Rad was plugged blow out the rad and cleaned the screens that go in front had beat moss on the the grate on the door is missing will need the welders to make one
1685	SY500H	10/6/2024	Remove Pete moss and dirt/debris from cooling package compartment. Blow out rad and clean off screens. Found screen on door broken off and missing.
1685	SY500H	10/7/2024	Remove belly pans clean muskeg out of unit and straighten belly pan
1685	SY500H	10/7/2024	Remove mangled belly pans, rebuild and reinstall.
1685	SY500H	10/7/2024	Dropped all the stump pans and cleaned out build up, engine stump pan it crushed up , sent to welder for repair and locked out machine
1685	SY500H	10/8/2024	Build block off plates for access doors and install
1685	SY500H	10/9/2024	Diagnose overheat on unit, check rads, check wiring to sensors, run unit up and operate, overheats withing 10 min, using temp gun checked temperature in various spots around engine. Found the top of the thermostat housing to be cool and the bottom to be boiling, thermostats no good. Parts ordered.

1685	SY500H	10/9/2024	Remove pete moss and debris from cooling package compartment.
1685	SY500H	10/9/2024	Checked coolant level, ran machine until over heat, shot engine and rad hoses with thermometer, found lower rad hose hot and upper rad hose cool, thermostat stuck.
1685	SY500H	10/12/2024	Get coolant drained, replaced tstats and waited for service to fill coolant. Ran up and temp gauge reading high but can visually see temp drop when thermostat opens. Has coolant level code, wires looked good suspect sensor failing. Bunch of other codes that will need to be looked at, couldn't find service password
1685	SY500H	10/19/2024	Drove to unit and installed new coolant temp sensor
1685	SY500H	10/20/2024	Disassembled cab to access wiper assembly. Missing snap ring and nut backed off operating assembly. Look through truck and found snap ring, re installed arm in correct orientation and installed linkage. Swept out dirt and reassembled
1685	SY500H	10/25/2024	Mob the. Unit and get it ready for work
1685	SY500H	10/27/2024	Check and remove Pete moss from unit.
1685	SY500H	10/27/2024	Check and remove Pete moss from unit.
1685	SY500H	10/27/2024	Checked stump pans and the engine compartment to make sure there is no peat in them
1685	SY500H	11/1/2024	Remove horns from another unit in yard before driving out to R1. Arrive at unit and remove horns to test. Both horns working fine. Checked fuses and relay both working fine. Dissassembled joystick and looked at wiring for horn everything looks fine. Checked for power at horns and not getting any voltage. No schematics available to trace wires. Further diag required.
1685	SY500H	11/1/2024	remove / re-install bucket
1685	SY500H	11/1/2024	Inspected unit for syncrude rental
1685	SY500H	11/1/2024	Bucket swap
1685	SY500H	11/9/2024	Drive out to R1 exstention, tightened wedge for quick attach. Left hand nut is broken in side wedge. Needs welded
1685	SY500H	11/9/2024	Called to unit to tighten quick attach bolt Quick attach is worn will need welding attention. Over 1/4 inch of play with wedge Bottomed out.
1685	SY500H	11/10/2024	Build up on quick attach and weld keeper nuts. Install
1685	SY500H	11/10/2024	Helped Mark weld up wedge
1685	SY500H	11/14/2024	Removed track pad that was falling off looked for pad bolts there was none ordered bolts to make the repair

1685	SY500H	11/15/2024	Inspection. Found missing mirrors on LH and RH side, broken regen button, missing cheek guard on bucket, belly pan in bad shape, missing track pad and missing bolts in cutting edge. Replaced missing bolts. Didn't have a way to order Sany parts so sent an email of broken parts to chase and Cullen.
1685	SY500H	11/16/2024	Tried to remove belly pan from car body full of frozen muskeg tried to chip it out didn't get far installed heater on unit
1685	SY500H	11/16/2024	Clean mud and sticks out of car body. Extract bolts. Prep for welder. Tarp in undercarriage with heater so labourers can clean
1685	SY500H	11/16/2024	Remove bent belly pan, clean out mud, sticks and debris from car body, extract broken bolts from guard ears.
1685	SY500H	11/16/2024	Tarp in machine to thaw dirt for belly pan repair.
1685	SY500H	11/19/2024	Prep for belly pan fab. Fab belly pan
1685	SY500H	11/19/2024	Belly pan rebuild
1685	SY500H	11/20/2024	Straighten out belly pan, make new one for opposing side, extract broken bolts, build new cleat, weld in cleat and install pans.
1685	SY500H	11/20/2024	Remake belly pans Remake mounting pillow Remove stuck/broken bolts Thread tap bolt holes Weld pillows Install belly pans
1685	SY500H	11/29/2024	Set up heaters Get machine running
1685	SY500H	12/5/2024	Track pad installed
1685	SY500H	12/5/2024	Travel out to the unit cleaned all the frozen dirt out of the chain link cleaned up parts then installed track pad with new hardware
1685	SY500H	12/9/2024	Cleaned frozen mud out of link and holes, installed new pad and torqued.
1685	SY500H	12/9/2024	Install track pad
1685	SY500H	12/9/2024	Chip out mud. Buff mating surfaces. Install track pads. Torque to spec.
1685	SY500H	12/13/2024	Bucket loose
1685	SY500H	12/21/2024	Check and repair hydraulic leak at implant valve Check and repair engine codes
1685	SY500H	12/22/2024	Repair work light wiring Adjust cab door striker
1685	SY500H	12/23/2024	Troubleshoot and repair wiring for lights
1685	SY500H	12/27/2024	2000hr service Finals flushed
1685	SY500H	1/2/2025	Set up heater and tarped in def tank and engine oil pan. Ran out of time and crossed with days
1685	SY500H	1/2/2025	initial complaint of derated, attempt to run unit - no start. make arrangements for heaters with syncrude

1685	SY500H	1/3/2025	try to boost unit, found bad battery cell. heat battery box to thaw frozen muskeg. pickup batteries at laydown, chip out / remove musket, remove and replace batteries, install new batteries, install connections and holddowns.
1685	SY500H	1/3/2025	attempt to run regen, could not regen unit with switch in cab, plug in with insite, reset codes, remaining DPF / differential pressure codes still active, reset maintenance of DPF, force regen. Nox sensor code still active, t/s nox sensor
1685	SY500H	1/4/2025	Bucket swap and. Skid plate
1685	SY500H	1/4/2025	Drive out and inspect bucket
1685	SY500H	1/6/2025	Remove paneling to access nox sensor, fight to get sensor out of dpf, had to cut sensor off at nut to be able to get a 6 point socket on it. Heat up around sensor and remove. Install new sensor
1685	SY500H	1/16/2025	assist with trouble shooting fuel codes
1685	SY500H	1/20/2025	Drove out to unit, fixed threads on wedge bolts and tightened wedge, ordered kick window.
1685	SY500H	1/20/2025	Getbunit running. Install bucket. Chip tracks
1685	SY500H	1/24/2025	Drove around to find unit, inspected and took pictures of bucket damage from syncrude, locked out.
1685	SY500H	1/25/2025	Becket swap
1685	SY500H	1/25/2025	Bucket swap, had to take new bucket from the yard with loader drove to unit swapped buckets took old bucket back RMT310
1685	SY500H	1/25/2025	Drove to unit, tightened wedge bolts and ordered new.
1685	SY500H	1/26/2025	Replaced missing and stripped out wedge bolt and nut, tightened wedge.
1685	SY500H	1/26/2025	Travelled to unit. Installed and tightened wedge bolts.
1685	SY500H	1/29/2025	Drove to unit to replace wedge bolts, found wedge bolts in sea can are the same as the ones already installed, made sure wedge bolts are tight and wedge is tight with coupler and bucket.
1685	SY500H	1/31/2025	Got to unit hooked up computer found nox sensor code ran out of time crossed to nights
1685	SY500H	1/31/2025	Drove out to unit, plugged in computer and pulled fault codes, found Nox sensor codes as well as def pump/line heater codes. Got pulled off for running repairs
1685	SY500H	1/31/2025	Drive to unit and plug in. Pulled codes and got pulled off to do other things
1685	SY500H	2/3/2025	Heat and boost unit
1685	SY500H	2/8/2025	Had to get a heater on the unit got it fired up let. Def tank was frozen removed def injector let it warm up in the truck. Got def tank warmed up reinstalled def injector. Cleared codes ran a regen at the end of the regen NOx sensor coded intake 1 order parts.

1685	SY500H	2/11/2025	Got to unit put heat on engine removed NOx sensor. Wrong sensor got ordered
1685	SY500H	2/13/2025	Install new nox sensor, heat machine. Start. Put into regen. Prime codes, def wont prime. Heat tank, check lines not obstructed, needs a def pump. Possibly lines
1685	SY500H	3/9/2025	Looked for unit. Couldn't find. Syncrude's going to look for it on day shift.
1685	SY500H	3/9/2025	Attempted to find unit. Asked around and no one knew. OPs supervisor tried looking as well.
1685	SY500H	3/11/2025	Searched for unit. Found in K blocks. Plugged into unit. Found DEF codes. Tank was frozen . Called to get heat on DEF tank. Noticed undercarriage was very worn.
1685	SY500H	3/11/2025	Drove around and finally found unit. Pulled codes, found DEF completely frozen, requested heat.
1685	SY500H	3/12/2025	Got unit started hooked up computer got codes to clear ran a regen got 90% through and codes came back. Units getting deleted
1685	SY500H	3/13/2025	Drive to and modify exhaust as per instructions.
1685	SY500H	3/14/2025	Go to unit. Finish cans off. Install hood onto machine
1685	SY500H	3/14/2025	Weld exhaust housing back together for mechanic
1685	SY500H	4/2/2025	Repair back door
1685	SY500H	4/19/2025	Mob loader and install track. Tension tracks
1685	SY500H	4/19/2025	Got to unit and reinstalled track and tightened tracks
1685	SY500H	4/21/2025	Demob
1685	SY500H	4/23/2025	Steam
1685	SY500H	4/30/2025	Completely steamed
1685	SY500H	5/1/2025	Installed window
1685	SY500H	5/1/2025	Perform post rental inspection
1685	SY500H	5/8/2025	Remove belly pan straighten and install