

DATE	HOURS	CARRIED OUT BY	SERVICE DONE
	4781	Active Diesel Services	ded
16/04/2020	5016	Active Diesel Services	Carried out 1000hr service. Replaced engine oil and filter, fuel, transmission, hydraulic filters. Blew out primary air and cab filters. Re-charged transmission accumulator.
8/06/2020	5285	Active Diesel Services	Carried out 250hrs service. Replaced engine oil and filter, fuel, hydraulic, trans filter. Changed final drive oils. Blew out air and cab filters. Greased blade and EQ bar.
25/07/2020	5504	Active Diesel Services	Carried out 500hr service. Checked blade for movement.
24/08/2020	5794	Active Diesel Services	Carried out 250hr service. Replaced engine oil and filter, fuel, hydraulic, trans filter. Replaced.
28/09/2020	6002	Active Diesel Services	Carried out 1000hr service. Replaced engine oil and filter, fuel, hydraulic trans filters. Replaced cutting edges, ripper boots Replaced lift cylinder, tilt, angle bearings Replaced transmission modulating valves and carried out full calibration. Checked operation and carried out further diagnosis/pressures.
8/10/2020	6025	Active Diesel Services	Replaced power trail hydraulic accumulator.
11/11/2020	6262	Active Diesel Services	Carried out 250hr service. Replaced engine oil and filter, fuel, hydraulic, trans filter. Blew out air and cab filters Greased EQ Bar. Replaced final drives oil. Re-fitted LH angle cylinder pin. Pin had fallen out.
12/11/2020	6268	Active Diesel Services	LH angle cylinder rod bent, due to pin coming out day before. Removed cylinder and took back to workshop and dis-assembled. Barrel and rod damaged beyond repair, could not source new barrel. Order complete cylinder. Welded old cylinder up to keep machine going until new one arrives.
21/11/2020	6315	Active Diesel Services	Further diagnosis of harsh trans shifting. Ran various pressures, all within spec. Swapped out output speed sensors inside transmission. Changed modulating valves around, re-calibrated several times. First forward to first reverse greatly improved, however, 2nd still harsh next step is to remove transmission, strip and inspect.

30/11/2020	6379	Active Diesel Services	Remove and clean belly guards. Fitted new angle cylinder to LH side. Removed RH angle cylinder, stripped, straightened rod and stripped, straightened rod and re-sealed. Flush angle cylinder lines replaced hydraulic return filter. Modified angle cylinder pins, so they can't fall out again. Replaced pitch link end and bearing.
4/12/2020	6385	Active Diesel Services	Rock hit sump and broke oil drain manifold bolt off. Dropped belly guard and drained engine oil. Removed oil drain manifold. Drilled and ezy-out broken bolt out. Re-fitted manifold with new bolts. Filled with oil.
11/01/2021	6487	Active Diesel Services	Carried out 500hr service. Replaced engine oil and filter, fuel, hydraulic and trans filter. Blew out air and cab filters. Greased EQ Bar. Found metal inside steering filter, but filter and inspected. Metal present, will monitor next service.
3/02/2021	6767	Active Diesel Services	Carried out 250hr service. Replaced engine oil and filter, fuel, hydraulic, trans filter. Replaced final drive oil. Blew out primary air and cab filters. Greased EQ Bar. Cut trans and steering filters - all clear fitted updated hydraulic quick-drop blade it as per CAT service mag. Check operation of valve OK. Re-charged transmission accumulator. Got machine hot, recalibrated transmission.
15/03/2021	6850	Active Diesel Services	Service transmission, drained oil, checked screens, filled with TDT050 to try and improve harsh transmission. Re-flashed all ECM's with latest software. Assist Dan with fitting of spacers to angle cylinders and making rubber pads.
25/03/2021	6875	Active Diesel Services	Carried out transmission fill and bake touch up calibrations while machine hot.
13/04/2021	6957	Active Diesel Services	Carried out 1000hr service. Replaced engine oil and filter, fuel, hydraulic, trans filters. Blew out air and cab filters. Greased EQ bar. Check final drive and pivot shaft oils.
16/06/2021	7269	Active Diesel Services	Carried out 250hr service, replaced engine oil and filter, fuel, hydraulic, trans filter. Blew out cooling package and all air filters.
23/06/2021	7321	Active Diesel Services	Inspect for oil leak. Found leaking steel tube for tilt cylinder. Ordered tube. Left top up oil for operator to keep machine running. Picked up tube from courier and travelled to site. Fitted tube, tested for leaks and topped up.
6/08/2021	7517	Active Diesel Services	Carried out 500hr service. Replaced engine oil and filter, fuel, hydraulic, and trans filter. Check final drive and pivot shaft oils. Blow out air cleaners and cooling package. Greased EQ bar. Replaced bolts in top plate.

1/10/2021	7745	Active Diesel Services	Carried out 250hr service. Replaced engine oil and filter, fuel, transmisison hydraulics filters. Greased EQ bar. Dropped belly guardssweep roof plate bolts. Replaced 5 x trans hoses. Replaced pre-cleaner assembly. Straighten several brackets etc.
10/12/2021	8023	Active Diesel Services	Carried out 1000hr service. Replaced engine oul and filter, fuel, hydraulic, trans filters. Blew out cooling package, greased EQ bar. Replaced cracked fuel bowl replaced cutting edges removed panels, washed evaporator, blew out condensor Checked A/C operation - ok. Removed seat. Replaced compressor, airbag and air valve. Leak tested - ok.
30/03/2022	8327	Active Diesel Services	Carried out 250hr service. Replaced engine oul and filter, fuel, trans, hydraulic filters. Greased EQ bar. Blew out air and cab filters. Topped up hydraulic oil. Checked for trans leak. Dropped belly guard and remoevd floor, found rubber through trans hose. Fitted new hose and topped up trans oil. Drilled and replaced bolts in RH GPS pole. A/C freezing up. Removed all necessary panels and washed evaporator out - tested ok. Fitted missing sump guard. Had to drill and tap broken bolt. Fitted new pitch link.
5/05/2022	8458	Active Diesel Services	Checked for hydraulic oil leak. Found blown steering motor hose. Removed hose, travelled to hastings, picked up new hose, fitted hose an dtopped up oil. Adjusted tracks replaced worn cover plate bolts. Tracks worn, suggest replacement asap.
11/05/2022	8464	Active Diesel Services	Carried out complete undercarriage changeover from system 1 to conventional. Made new rock guard mounting rods and tubes. Replaces 2 x hydraulic hoses. Topped up hydraulic oil. Replaced O rings on fan reversing valve. Dropped all belly guards and cleaned. Used porta power and unblocked lower ripper pin grease cavities.
30/06/2022	8542	Active Diesel Services	Inspected fuel leak. Return hose from rear of cylinder head leaking. Removed all necessary components, replaced hose. Ran machine, checked for leaks. OK.

3/09/2022	8703	Active Diesel Services	Blade struggles to lift and would drop straight away. Tested joystick signals with ET - OK. Removed cylinder lines and carried out bypass test - substantial bypass in RH lift cylinder. Removed cylinder and took to workshop and stripped. Found scoring in barrel, piston from metal. Dropped to BT hydraulics. Cylinder fitted with new piston, seal kit, barrel honed. Travel back to site, refitted cylinder, Filled with hydraulic oil. Test machine - OK.
20/11/2022	8748	Active Diesel Services	Carried out 250hr service. Replaced engine oil and filter, fuel, hydraulic, trans filter. Blew out cooling package and all air filters.
21/01/2023	8884	In House Diesel Mechanic	Belly plates removed, guards removed for deep clean.
15/03/2023	9020	In House Diesel Mechanic	Carried out 1000hr service. Replaced engine oil and filter, fuel, hydraulic, trans filters. Replaced cutting edges, removed panels, washed evaporator, blew out condensor check A/C operation - ok. Removed seat. Replaced compressor, airbag and air valve. Transmission filters and oil change calibration.
5/06/2023	9250	In House Diesel Mechanic	Carried out 250hr service, replaced engine oil and filter, fuel, hydraulic, trans filters. Blew out cooling package and all air filters.
6/07/2023	9399	NU Contracts Pty Ltd	Right blade angle cylinder repair.
3/11/2023	9750	In House Diesel Mechanic	Carried out 250hr service, replaced engine oil and filter, fuel, hydraulic, trans filters. Blew out cooling package and all air filters. Change lift cylinder bearings.
20/01/2024	10000	In House Diesel Mechanic	Carried out 1000hr service.
20/03/2024	10255	In House Diesel Mechanic	250hr service
2/06/2024	10560	In House Diesel Mechanic	500hr service
22/06/2024	10689	In House Diesel Mechanic	Repair hydraulic pilot hose.
22/08/2024	10938	In House Diesel Mechanic	250hr service.