

Scraper

Machine	Scraper		
Make & Model	Caterpillar 623G	Age	2010
Registration	92736C	Expiry Date	
Engine Serial No	Ser- LHX 25384 Arr- 2280839	Bowl Serial No	DBY 00521
Prime Mover Serial No	DBC 00520	Arrangement No	
Transmission No		Arrangement No	
Axle Configuration	4 x 4	GVM GCM	kgs
Operating Weight	kg		
Condition	Good Condition Well maintained		
Attachments			
Frame Hours	14 480 at purchase - 17/12/20		
Maintenance			



Machine Hours	14 480	Service Date	17-December-2020
1	500 hr service		
2	Changed all oil filters, air cleaners and cab filters		
3	Changed transmission oil & cleaned both screens		

4	Changed elevator gearbox oil
5	Fitted grease nipples to top elevator drive shaft bearing
6	Inflated tyres to 90 psi
7	Replaced fuel tank cap
8	Replaced UHF handpiece
9	Drain fuel tank sediment
10	Replaced hydraulic hose - pressure side hose @ control valve

Machine Hours	14 512	Service Date	04-January-2021
1	Reseal steering follow up cylinder & replaced bearings both ends		
2	Replace clamp holding elevator motor steel pipe at front of hitch		
3	Replaced all 4 steering hoses on cylinders		
4	Replaced faulty torque convertor temp sensor		
5	Check operation of service and park brakes		
6	Measured brake linings front - 21mm, rear - 13mm average		
7	Replaced air hose from tank to Nitto fitting		
8	Removed air lines used to tow trailers		
9	Replaced fuel hoses from front of bowl to centre of hitch		
10	Replaced seat belt		
11	Fit clamps to elevator steel hydraulic lines along draft arm		
Machine Hours	14 554	Service Date	26-February-2021
1	Replace steering hose from pump to junction block beside retarder		
2	Refill hydraulic tank - 90 litres		
Machine Hours	14 643	Service Date	07-March-2021
1	Investigate low power/electrical fault		
2	Found inlet pressure sensor faulty		
3	Replaced sensor with sensor taken out of Freightliner C16 engine		
4	Tested ok - sent back to work		
Machine Hours	14 748	Service Date	25-March-2021
1	250 hr service		
2	Engine oil and filter changed		
3	Fuel filters not changed		
4	Outer air cleaner and outer cab filter cleaned		
Machine Hours	14 837.8	Service Date	13-April-2021
1	Replace hydraulic hose from elevator delay block to cushion hitch valve		
Machine Hours	14 889	Service Date	09-July-2021
1	Remove diff and transmission		
2	Remove retarder		
3	Replace rear engine mounts and retaining cap bolts		
4	Re-race diff and replace diff lock dog clutches and all seals		
5	Re-race retarder and all seals		
6	Install retarder, diff and transmission		
7	Replace all power train hydraulic hoses		
8	Replace hydraulic hoses around transmission and hitch area including hydraulic pumps		
9	Replace top radiator hoses, turbo coolant hoses and coolant drain hose		
10	Refill cooling system		
11	Repair/replace hydraulic pipe clamps as required		
12	Clean pre cleaner		
13	Change transmission, differential, planetary and hydraulic oils		
14	Change transmission and hydraulic filters		
15	Clean transmission screens		
16	Replace rear flashing light		
17	Check all lights and make operational		
18	Replace check plates		
19	Grease		
20	Clean A/C evaporator and check operation		
21	Evacuate and regass AC system		
22	Replace air system governor		
23	Remove air lines and valves used to tow trailers		

24	Tidy up and secure hydraulic hoses and wiring
25	Replace all engine sensors
26	Replace seized bolts in elevator blocker valve
27	Repair 'E' stops
28	Fit rear number plate
29	Replace all elevator flights with new nuts and bolts
30	Replaced rear flashing light
31	Repaired wiring to rear work light
32	Replaced horn contacts in steering wheel

Machine Hours	14 990	Service Date	09-November-2022
1	Complete 1 000 hr service		
2	Change elevator gearbox oil		

Machine Hours	15 004	Service Date	15-November-2022
1	Replace two elevator hoses and main hydraulic hose above king post		
2	Topped up hydraulic tank - 30 litres of TFC 430		

Machine Hours	15 043	Service Date	23-November-2022
1	Replaced fuel tank cap		
2	Replaced bonnet wear stop nylon pads		
3	Fitted wing bolt to A/C outside air cleaner reatainer		

Machine Hours	15 108	Service Date	20-February-2023
1	Replace elevator chains		
2	Replace elevator drive sprockets and retaining hardware		
3	Replaced 5 bent flights, refit remainder of old flights. Reuse hardware		
4	Changed elevator gearbox oil level		
5	Resurfaced bearing cover cap on R/H chain idler and replaced gasket and bolts		
6	Replaced O ring on R/H rear tyre		
7	Checked bottom elevator chain roller oil level		
8	Manufactured new cover plate for elevator chain adjuster tubes, removed broken bolts as required		
9	Weld Bisaloy plate to bottom of floor guides		
10	Tidy up wiring to L/H tail lights		
11	Replaced air drier cartridge		
12	Cleaned A/C evaporator and topped up A/C gas		
13	Repaired on small air leak on air tank bung		
14	Checked and adjusted tyre pressures		
15	Greased		

Machine Hours	15 142	Service Date	22-August-2023
1	Refitted adaptors to cutting edge and welded to edge		
2	Repaired air leak at rear of bowl		
3	Checked tyre pressures		

Machine Hours	15 156	Service Date	10-May-2024
1	Fit new cutting edges - stinger and routers		
2	Check operation of battery and start isolators		
3	Check operation 'E' stops		

Machine Hours	15 158	Service Date	13-June-2024
1	Rat Engineering fabricate and fit handrails and rear walkway for access for hitch greasing and refueling activities to UGL specs		
2	Fit new fire extinguisher		

Machine Hours	15 179	Service Date	09-July-2024
1	Fit new transmission harness - 341 7982		

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Replace pilot supply solenoid - low ohm reading
Fit 5 new flights - old ones slight bend

Machine Hours	15 242	Service Date	18-July-2024
1	250hr service		
Machine Hours	15 293	Service Date	22-February-2025
1	Fabricate and fit mounting post for Trimble receiver to scraper bowl		
2	Fit 2 x new Brigstone radial tires to drive		
3	Fitted 3 x new batteries - waiting on the fourth		
4	Cleaned battery box and enlarged drain holes		
Machine Hours	15 305	Service Date	28-February-2025
1	Replaced elevator supply and return hydraulic hoses from draft frame to motor		
2	Replaced case drain and reversing valve hydraulic lines from elevator motor		
3	Repaired broken clamp bolts as required on elevator steel hydraulic lines		
4	Replaced fourth battery and hold down bolts for battery clamp		
Machine Hours	15 358	Service Date	03-March-2026
1	Machine won't build air pressure		
2	Replaced air governor		
3	Tested air pressure sensors		
4	Found air leak in steel tubes inside bowl		
5	Ordered parts - ex USA 6/3/26		
	Thursday, 21 May 2026		
6	Replaced 6 x steel tubes inside bowl		
7	2 x air lines		
8	2 x fuel lines		
9	2 x hydraulic lines		
10	Tested ok		
Machine Hours		Service Date	
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