

Accident Prevention
 Read and understand safety warning in the operation and maintenance manual
 Have you completed a take 2?
 Have your job circumstances change since completing your take 2?

651E Scraper 500 Hour Service Sheet

Date:	5.5.2025	Name:	Jayce + Tom	
Plant ID:	SC37	Service Type:	500 Hour	Machine Hours: 2051hrs
<input checked="" type="checkbox"/>	Machine has been cleaned prior to commencement of service?			
<input checked="" type="checkbox"/>	Machine has been positioned on flat level ground			
<input checked="" type="checkbox"/>	All implements have been lowered			
<input checked="" type="checkbox"/>	Machine has been isolated and locked out			

Compartment	Oil Type	Quantity
Engine	15W-40	68 L
Transmission	30W	136 L
Hydraulics	10W	240 L
Radiator	Cat Extended Life Coolant	144 L
Differential	85W-140	138 L
Final Drive P3	85W-140	23 L
Final Drive P4	85W-140	23 L
Wheel Hub	85W-140	9 L

Description	Quantity	Part Number
Engine Oil Filter	2	1R-1808
Fuel Filter	2	1R-0749
Fuel Water Separator	1	212-9580
Hydraulic oil filter	2	101-3834
Hydraulic oil filter	1	107-5914
Transmission oil filter	1	9P-0859
Cab Air Filters	3	7G-8116
Primary Engine Air Filter	2	577-1437
In-Line Refrigerant Dryer	1	175-7162
SOS Bottles	8	SOS003
SOS Coolant Bottles	1	SOS002

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Prepared By: Troy Storach Date: 31/08/2020 Approved By: Troy Storach Date: 31/08/2020
 Rev. No: 3 Date Implemented: 31/08/2020



500HR LUBE SERVICE

SAMPLE:		INITIALS
Engine Oil		JS
Transmission Oil		JS
Hydraulic Oil		JS
Differentials Oil		TP
Final Drives Oil	P1: JS P2:	TP
Wheel Hub Oil		TP
Coolant		TP
CHANGE:		
Engine oil		TP
Engine oil filters		TP
Fuel filter		TP
Hydraulic oil filters		—
Transmission oil filter		—
Primary air filter		TP
Cab air conditioner filters		TP
Fuel water separator		TP
In-Line Refrigerant Dryer		JS
CLEAN:		
Secondary air filter		TP
Steering pump outlet screen		JS
Engine air pre cleaner		JS
Fuel cap filter, strainer and fuel tank breather		JS
Batteries and terminals		JS
Air conditioner condenser		JS
Air conditioner evaporator		JS
Torque converter scavenge screen		TP
Transmission screen		TP
CHECK:		
Check and clear ECM faults		
Coolant level		TP
Transmission oil level		TP
Hydraulic oil level		TP
Differential oil level		TP
Final drive oil levels		TP

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CHECK:			
	Wheel bearing oil levels	<i>changed</i>	TP
	Final drive magnetic plugs. Refer to magnetic plug inspection guidelines		TP
	Drain water from air tanks		TP
	Drain water and sediment from fuel tank		TP
	No visible oil leaks		TP
GREASE:		INITIALS	
	Check cushion hitch accumulator pressure <i>490 Psi + 520 Psi</i>	<i>520 Psi</i>	TP
	Fan hub bearing (HAND GUN ONLY) (DO NOT USE MINE GREASE)		TP
	Belt tensioner bearings		TP
	Fill auto lube reservoir		TP
	Ejector floor rollers		TP
	Slack adjuster and brake S cams		TP

500 HR MECHANICAL SERVICE

KEY:

1. Defect found and repaired
2. Defect found and recorded, machine still OK
3. OK
4. Not applicable

CHECK:	1	2	3	4
Air conditioner – condition and operation			✓	
Steering (cylinders, valve and joints)			✓	
Induction system for leaks and clamps for tightness			✓	
All hoses for general condition and chaffing			✓	
Fuel system for loose bolts and fittings			✓	
Fuel line supply clamps			✓	
Hydraulic system for damaged lines and loose fittings			✓	
Engine mount bolts			✓	
Transmission and diff mount bolts			✓	
Hydraulic pump mount bolts			✓	
Steering pump mount bolts			✓	
All panels and guards			✓	
Exhaust leaks			✓	
Frame for cracks – record on inspection sheet			✓	

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CHECK:	1	2	3	4
Retarder lever free play			<input checked="" type="checkbox"/>	
Remove covers and inspect brake linings			<input checked="" type="checkbox"/>	
Inspect fan and jockey pulley bearings			<input checked="" type="checkbox"/>	
Condition and tension of V belts / multi rib belts			<input checked="" type="checkbox"/>	
Radiator for debris (wash if necessary)			<input checked="" type="checkbox"/>	
Hydraulic cooler core			<input checked="" type="checkbox"/>	
Cooling system hoses for condition and clamps for tightness			<input checked="" type="checkbox"/>	
Battery hold down clamps			<input checked="" type="checkbox"/>	
All points are receiving grease			<input checked="" type="checkbox"/>	

CHECK	POS 1 90PSI	POS 2 90PSI
Actual:	85	85
Adjusted:		
Actual:	75	75
Adjusted:		
Magnetic plug conditions*		
	RHF OK	LHF OK
	RHR OK	LHR OK

*** LEGEND:** OK – OK P – Paste HP – Heavy Paste LF – Light Flakes HF – Heavy Flakes (return to foreman)

SAFETY CHECK TO BE CARRIED OUT EVERY SERVICE

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NOTE: Boxes A - F are to be initialised by person carrying out safety checks.

Every person carrying out these checks **must** also sign off Safety Check Sheet before the end of each shift.

KEY:

- A. **Machine is not safe**, defect must be repaired
- B. Defect found, authorisation required before returning to work
- C. Defect found and recorded, machine safe to operate
- D. Defect found and repaired
- E. OK
- F. Not applicable

CHECK:	A	B	C	D	E	F
Service brake operation stall test					/	/
Emergency brake					/	/
Park brake operation					/	/
Retarder operation					/	/
Steering operation					/	/
Seats – suspension adjustment/condition					/	/
Seat belt – retainers and operation					/	/
Doors					/	/
Windows					/	/
Mirrors					/	/
Cab conditions					/	/
Horns – air and electric					/	/
Wipers					/	/
Washer bottle full					/	/
Gauges					/	/
Audible alarm and warning lights					/	/
Lights					/	/
Reverse alarm					/	/
Operation of emergency stops					/	/
Two way radio operation					/	/
Grab rails					/	/
Steps					/	/
CHECK:	A	B	C	D	E	F

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 Have you completed a take 2?
 Have your job circumstances change since completing your take 2?

651E Scrapper 250 Hour Service Sheet

Date:	17.6.25	Name:	Dejice
Plant ID:	SC37	Service Type:	250 Hour
		Machine Hours:	20710
<input checked="" type="checkbox"/>	Machine has been cleaned prior to commencement of service?		
<input checked="" type="checkbox"/>	Machine has been positioned on flat level ground		
<input checked="" type="checkbox"/>	All implements have been lowered		
<input checked="" type="checkbox"/>	Machine has been isolated and locked out		

Compartment	Oil Type	Quantity
Engine	15W-40	68 L
Transmission	30W	136 L
Hydraulics	10W	240 L
Radiator	Cat Extended Life Coolant	144 L
Differential	85W-140	138 L
Final Drive P3	85W-140	23 L
Final Drive P4	85W-140	23 L
Wheel bearing	85W-140	9 L

Description	Quantity	Part Number
Engine Oil Filter	2	1R-1808
Fuel Filter	2	1R-0749
Fuel Water Separator	1	212-9580
Cab Air Filters	3	7G-8116
Primary Engine Air Filter	2	577-1437
SOS Bottles	3	SOS003

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250HR LUBE SERVICE		INITIALS
SAMPLE:	Engine	J.S.
	Transmission	J.S.
	Hydraulic	J.S.
CHANGE:	+ coolant	J.S.
	Engine oil	J.S.
	Engine oil filters	J.S.
	Fuel filter	J.S.
	Primary air filter	J.S.
	Cab air conditioner filters	J.S.
	Fuel water separator	J.S.
CLEAN:		
	Secondary air filter	J.S.
	Engine air pre cleaner	J.S.
	Fuel cap filter, strainer and fuel tank breather	J.S.
	Batteries and terminals	J.S.
	Air conditioner condenser	J.S.
	Air conditioner evaporator	J.S.
	Torque converter scavenge screen	J.S.
	Transmission screen	J.S.
CHECK:		
	Check and clear ECM faults	J.S.
	Coolant level	J.S.
	Transmission oil level	corrected level
	Hydraulic oil level	J.S.
	Differential oil level	J.S.
	Final drive oil levels	J.S.
	Wheel bearing oil levels	J.S.
	Final drive magnetic plugs. Refer to magnetic plug inspection guidelines	J.S.
	Drain water from air tanks	J.S.
	Drain water and sediment from fuel tank	J.S.
	No visible oil leaks	J.S.

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GREASE:		INITIALS
	Check cushion hitch accumulator pressure	JS.
	Fan hub bearing (HAND GUN ONLY) (DO NOT USE MINE GREASE)	JS.
	Belt tensioner bearings	JS.
	Fill auto lube reservoir	JS.
	Ejector floor rollers	JS.
	Slack adjuster and brake S cams	JS.

250 HR MECHANICAL SERVICE

KEY:

1. Defect found and repaired
2. Defect found and recorded, machine still OK
3. OK
4. Not applicable

CHECK:	1	2	3	4
Air conditioner – condition and operation			/	
Steering (cylinders, valve and joints)			/	
Induction system for leaks and clamps for tightness			/	
All hoses for general condition and chaffing			/	
Fuel system for loose bolts and fittings			/	
Fuel line supply clamps			/	
Hydraulic system for damaged lines and loose fittings			/	
Engine mount bolts			/	
Transmission and diff mount bolts			/	
Hydraulic pump mount bolts			/	
Steering pump mount bolts			/	
All panels and guards			/	
Exhaust leaks			/	
Frame for cracks – record on inspection sheet			/	
Retarder lever free play			/	
Remove covers and inspect brake linings			/	
Inspect fan and jockey pulley bearings			/	
Condition and tension of V belts / multi rib belts			/	
Radiator for debris (wash if necessary)			/	
Hydraulic cooler core			/	
Cooling system hoses for condition and clamps for tightness			/	

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CHECK:	1	2	3	4
Battery hold down clamps			<input checked="" type="checkbox"/>	
All points are receiving grease			<input checked="" type="checkbox"/>	

TYRE CHECK				
	POS 1 90PSI	POS 2 90PSI		
Actual:	80psi	80psi		
Adjusted:	10psi to 90psi	10psi to 90psi		
	POS 3 75PSI	POS 4 75PSI		
Actual:	70psi	70psi		
Adjusted:	5psi to 75psi	5psi to 75psi		
	Magnetic plug conditions*			
	RHF	LHF		
	RHR	LHR		

*LEGEND:
 OK – OK P – Paste HP – Heavy Paste LF – Light Flakes HF – Heavy Flakes (return to foreman)

SAFETY CHECK TO BE CARRIED OUT EVERY SERVICE

NOTE: Boxes A - F are to be initialised by person carrying out safety checks.

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- D. Defect found and repaired
- E. OK
- F. Not applicable

CHECK:	A	B	C	D	E	F
Service brake operation stall test					<input checked="" type="checkbox"/>	
Emergency brake					<input checked="" type="checkbox"/>	
Park brake operation					<input checked="" type="checkbox"/>	
Relander operation					<input checked="" type="checkbox"/>	
Steering operation					<input checked="" type="checkbox"/>	

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CHECK:	A	B	C	D	E	F
Seats – suspension adjustment/condition					/	
Seat belt – retainers and operation					/	
Doors					/	
Windows			/	X		
Mirrors					/	
Cab conditions					/	
Horns – air and electric			/	X		
Wipers					/	
Washer bottle full					/	
Gauges					/	
Audible alarm and warning lights					/	
Lights					/	
Reverse alarm					/	
Operation of emergency stops					/	
Two way radio operation					/	
Grab rails					/	
Steps					/	
Tyre condition					/	
Fire suppression bottle charge date and condition					/	
Fire extinguishers – condition and last service date:					/	
Wheel nuts					/	
Fuel leaks					/	
Pin retainers					/	
Accumulation of fuel, oil, grease etc. that may cause fire hazard				/		

A
accumulation of litch grease
- cleaned / Scraped.

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Date	Work Description	Plant No	Task
07/08/24	651 repairs undo cyclinder, guards	SC37	RM - Repairs & Maintenance
09/08/24	remove lift bowl cylinders x 2	SC37	RM - Repairs & Maintenance
09/08/24	remove lift cylinders (bowl) x 2	SC37	RM - Repairs & Maintenance
16/09/24	Fit jector cylinder	SC37	RM - Repairs & Maintenance
16/09/24	Fit ejector cylinder	SC37	RM - Repairs & Maintenance
17/09/24	Scraper repairs	SC37	RM - Repairs & Maintenance
17/09/24	Scraper repairs	SC37	RM - Repairs & Maintenance
18/09/24	Scraper repairs	SC37	RM - Repairs & Maintenance
20/09/24	scraper repairs, remove 6xbooster of wreaked scrap	SC37	RM - Repairs & Maintenance
25/09/24	AC and checkover	SC37	RM - Repairs & Maintenance
26/09/24	Repairs. Electrical	SC37	RM - Repairs & Maintenance
30/09/24	Fill up diff, hyd oil, change out x 2 air brakes v	SC37	RM - Repairs & Maintenance
30/09/24	Check over for leaks & begin adjusting brakes	SC37	RM - Repairs & Maintenance
30/09/24	Remove & measure, Brake test bucking plates, fill	SC37	RM - Repairs & Maintenance
04/10/24	Change engine oil & filters, cahnge all hyd / tran	SC37	RM - Repairs & Maintenance
04/10/24	Service, drain engine oil, replace all filters	SC37	RM - Repairs & Maintenance
07/10/24	Fit seat, change final drive oils	SC37	RM - Repairs & Maintenance
07/10/24	Run up, adjust brakes, and check	SC37	RM - Repairs & Maintenance
07/10/24	Fit seals in SC38 and sc37, remove seat from SC37	SC37	RM - Repairs & Maintenance
07/10/24	Adjust brakes	SC37	RM - Repairs & Maintenance
08/10/24	Build Air in scraper, adjust brake, found air leak	SC37	RM - Repairs & Maintenance
08/10/24	Remove air lines to tredle valve, spray and try to	SC37	RM - Repairs & Maintenance
08/10/24	Check over each machine, air & hydraulic hoses, ch	SC37	RM - Repairs & Maintenance
08/10/24	Start removing treadle valve & air hoses and break	SC37	RM - Repairs & Maintenance
09/10/24	Check over, parts list, tie up loose hoses	SC37	RM - Repairs & Maintenance
09/10/24	treadle valve out of scraper	SC37	RM - Repairs & Maintenance
09/10/24	Fit treadle valve and hoses, check for air leaks	SC37	RM - Repairs & Maintenance
09/10/24	Electrical repairs, fit start isolator	SC37	RM - Repairs & Maintenance
10/10/24	degrease & wash machine, rewash multiple times and	SC37	RM - Repairs & Maintenance
10/10/24	change off some hoses move machine	SC37	RM - Repairs & Maintenance
10/10/24	Replace hydraulic hoses in rear end & tidy hoses a	SC37	RM - Repairs & Maintenance
11/10/24	Change out trans cooler hoses, cushion hitch press	SC37	RM - Repairs & Maintenance
11/10/24	inspection injector routers	SC37	RM - Repairs & Maintenance
11/10/24	Wash scrapers x 2	SC37	RM - Repairs & Maintenance
14/10/24	Fill hydraulic oil, check oil levels, tidy up hose	SC37	RM - Repairs & Maintenance
14/10/24	Clean belly plates	SC37	RM - Repairs & Maintenance
15/10/24	Change out cussion hitch suction hoses, adjust all	SC37	RM - Repairs & Maintenance
15/10/24	Fit seat, adjust breaks, replace hose, check oil l	SC37	RM - Repairs & Maintenance
15/10/24	Remove all rollers & bearings, pull dryer off sco	SC37	RM - Repairs & Maintenance
16/10/24	Remove & replace starter motor, replace terminal f	SC37	RM - Repairs & Maintenance
16/10/24	Prep and paint grip paint	SC37	RM - Repairs & Maintenance
16/10/24	Electrical repairs	SC37	RM - Repairs & Maintenance
17/10/24	Clean roller channel, fit rear support rollers	SC37	RM - Repairs & Maintenance
17/10/24	Check all tyres & adjust pressures, reseal tyre on	SC37	RM - Repairs & Maintenance
17/10/24	Electrical repairs, fit electric hors	SC37	RM - Repairs & Maintenance
18/10/24	fill oils run up / check overflow for leaks	SC37	RM - Repairs & Maintenance
18/10/24	Wash scoop, replace GETbolts, fit speakers, fit UH	SC37	RM - Repairs & Maintenance
18/10/24	Electrical repairs, site spec repairs, wash	SC37	RM - Repairs & Maintenance
21/10/24	Split 6 x brake boosters	SC37	RM - Repairs & Maintenance
21/10/24	Replace retarder hose, check operation	SC37	RM - Repairs & Maintenance
21/10/24	Tidy up around Rodget St, detail cabs	SC37	RM - Repairs & Maintenance
21/10/24	Wash	SC37	RM - Repairs & Maintenance
22/10/24	Replace retarder diaphragm & test, secure hoses,	SC37	RM - Repairs & Maintenance
22/10/24	Fit belly plates, remove and prep GET	SC37	RM - Repairs & Maintenance
22/10/24	Fit belly plates	SC37	RM - Repairs & Maintenance
22/10/24	Clean new stinger ready for installation	SC37	RM - Repairs & Maintenance
22/10/24	Fit dash cam and GET	SC37	RM - Repairs & Maintenance
23/10/24	Install GET, check over, fill oils, chop bail arm	SC37	RM - Repairs & Maintenance
23/10/24	Clean all exterior of windows, check oil leaks, fi	SC37	RM - Repairs & Maintenance
23/10/24	Fuel up, fill grease pod, top up oils	SC37	RM - Repairs & Maintenance
23/10/24	wash machine, wash bowl out, remove top pin for ha	SC37	RM - Repairs & Maintenance
23/10/24	Wash	SC37	RM - Repairs & Maintenance
24/10/24	Check over repair harness over draft arm, repair	SC37	RM - Repairs & Maintenance
24/10/24	Light repairs, checkover	SC37	RM - Repairs & Maintenance
26/10/24	Load scraper	SC37	RM - Repairs & Maintenance
28/10/24	WRP - Fit pins for banana arm & door, check over	SC37	RM - Repairs & Maintenance
12/11/24	Remove 2 blown apron hoses	SC37	RM - Repairs & Maintenance
12/11/24	3 Blown Hoses, move machine off pad	SC37	RM - Repairs & Maintenance

18/11/24	Change out apron cylinder hoses and remove pt	SC37	RM - Repairs & Maintenance
18/11/24	Replace apron hoses remove accumulator hose	SC37	RM - Repairs & Maintenance
02/12/24	troubleshoot fuel leak, found supply hose, remove	SC37	RM - Repairs & Maintenance
03/12/24	Troubleshoot product link and machine check over	SC37	RM - Repairs & Maintenance
04/12/24	Refit new hose & all clamps to SC34 (ejector hose)	SC37	RM - Repairs & Maintenance
04/12/24	Changed out bowl fuel hoses(hoses seized in bowl)	SC37	RM - Repairs & Maintenance
05/12/24	Change out product link & troubleshoot software	SC37	RM - Repairs & Maintenance
05/12/24	complete bowl fuel hose change out & hose and run	SC37	RM - Repairs & Maintenance
05/12/24	Check over & top up fluids, pre start, ready for	SC37	RM - Repairs & Maintenance
05/12/24	Fitting fuel hoses	SC37	RM - Repairs & Maintenance
05/12/24	Fixing hyd oil leaks	SC37	RM - Repairs & Maintenance
06/12/24	fix AC issue	SC37	RM - Repairs & Maintenance
09/12/24	brakes dragging, adjust rear brakes	SC37	RM - Repairs & Maintenance
10/12/24	fit nuts to secure full bulkheads, adjust accumula	SC37	RM - Repairs & Maintenance
10/12/24	repair transmission steps	SC37	RM - Repairs & Maintenance
11/12/24	troubleshoot project link	SC37	RM - Repairs & Maintenance
12/12/24	replace park brake pressure switch + test connect	SC37	RM - Repairs & Maintenance
12/12/24	Cushion hitch issue, broken wire in harness	SC37	RM - Repairs & Maintenance
17/12/24	Refit door window seat, check over, top up oils, r	SC37	RM - Repairs & Maintenance
19/12/24	Service Scraper	SC37	RM - Repairs & Maintenance
07/01/25	Change out all door window seals and refit	SC37	RM - Repairs & Maintenance
08/01/25	Troubleshoot lights & flashing light not working	SC37	RM - Repairs & Maintenance
08/01/25	Troubleshoot A/C evap freezing	SC37	RM - Repairs & Maintenance
09/01/25	Change evap thermostat, test AC	SC37	RM - Repairs & Maintenance
13/01/25	Troubleshoot overheating issue	SC37	RM - Repairs & Maintenance
14/01/25	651E Brake booster rebuild	SC37	RM - Repairs & Maintenance
16/01/25	Reassemble roller & install, drop belly blades	SC37	RM - Repairs & Maintenance
17/01/25	Replace fail diaphragm in retarder valve & re-check	SC37	RM - Repairs & Maintenance
20/01/25	change out rhr brake booster & adjust brakes	SC37	RM - Repairs & Maintenance
21/01/25	Change out RHR booster & adjust brakes & test	SC37	RM - Repairs & Maintenance
21/01/25	Change out ejector hard pipe, change out & adjust	SC37	RM - Repairs & Maintenance
29/01/25	Troubleshoot low eng oil pressure & high exhaust s	SC37	RM - Repairs & Maintenance
30/01/25	troubleshoot int low eng oil pressure alarm	SC37	RM - Repairs & Maintenance
30/01/25	Troubleshoot eng oil pressure fault, change valve	SC37	RM - Repairs & Maintenance
31/01/25	Change out main hyd valve and begin plumbing	SC37	RM - Repairs & Maintenance
03/02/25	Change out main imp valve. Fill oils & run	SC37	RM - Repairs & Maintenance
03/02/25	Complete imp valve CO, CO solenoid	SC37	RM - Repairs & Maintenance
03/02/25	Clean up valve bank ready for valve replacement	SC37	RM - Repairs & Maintenance
04/02/25	Change out thermostat, fill fluids, adjust grease	SC37	RM - Repairs & Maintenance
04/02/25	Run up, clean working area & test machine	SC37	RM - Repairs & Maintenance
04/02/25	Pulled apart Hyd implement valve	SC37	RM - Repairs & Maintenance
04/02/25	re-kitted brake booster & order parts	SC37	RM - Repairs & Maintenance
05/02/25	Rebuild & res-seal valve	SC37	RM - Repairs & Maintenance
05/02/25	change out valve & adjust grease circuit	SC37	RM - Repairs & Maintenance
05/02/25	Clean spring boosters	SC37	RM - Repairs & Maintenance
06/02/25	Scraper Booster rebuild	SC37	RM - Repairs & Maintenance
07/02/25	transmission fault	SC37	RM - Repairs & Maintenance
10/02/25	troubleshoot shifting fault code	SC37	RM - Repairs & Maintenance
10/02/25	drive machine to test fault continue troubleshoot	SC37	RM - Repairs & Maintenance
11/02/25	troubleshoot torque converter, adjust pressures. C	SC37	RM - Repairs & Maintenance
11/02/25	test drive and fit all panels - run & test	SC37	RM - Repairs & Maintenance
25/02/25	Start Service	SC37	RM - Repairs & Maintenance
25/02/25	Return travel to camp	SC37	RM - Repairs & Maintenance
25/02/25	Rekitted implement valve & wrapped up to keep clea	SC37	RM - Repairs & Maintenance
26/02/25	Service & inspection & parts order	SC37	RM - Repairs & Maintenance
26/02/25	1000 Hour service	SC37	RM - Repairs & Maintenance
26/02/25	1000 hour service	SC37	RM - Repairs & Maintenance
27/02/25	Finish off service	SC37	RM - Repairs & Maintenance
27/02/25	Brakedown - machine stuck in gear	SC37	RM - Repairs & Maintenance
28/02/25	Transmission	SC37	RM - Repairs & Maintenance
03/03/25	Test transmission wiring	SC37	RM - Repairs & Maintenance
04/03/25	test wiring on transmission loom	SC37	RM - Repairs & Maintenance
04/03/25	put cabin back together	SC37	RM - Repairs & Maintenance
07/03/25	electrical fault / hitch fault	SC37	RM - Repairs & Maintenance
12/03/25	Troubleshoot high coolant temp faults & check over	SC37	RM - Repairs & Maintenance
13/03/25	Machine service	SC37	RM - Repairs & Maintenance
13/03/25	Troubleshoot horn circuit	SC37	RM - Repairs & Maintenance
14/03/25	strip for compressor re-seal & hose replacement	SC37	RM - Repairs & Maintenance
17/03/25	Air compressor mount re-seal	SC37	RM - Repairs & Maintenance

17/03/25	air compressor mount reseal & change out fuel filt	SC37	RM - Repairs & Maintenance
18/03/25	Complete compressor reseal, CO hoses	SC37	RM - Repairs & Maintenance
18/03/25	Change out floor rollers and adjust side ejector	SC37	RM - Repairs & Maintenance
26/03/25	change out exhasut pipe, fuel fittings & correct o	SC37	RM - Repairs & Maintenance
31/03/25	troubleshoot & replace reverse alarm & secure wiri	SC37	RM - Repairs & Maintenance
31/03/25	Troubleshoot & replace headlight globes and repair	SC37	RM - Repairs & Maintenance
01/04/25	Re-seal leaking housing on hydraulic control valve	SC37	RM - Repairs & Maintenance
02/04/25	Diagnose & clean wash due to oil leak	SC37	RM - Repairs & Maintenance
03/04/25	Change out door hinge	SC37	RM - Repairs & Maintenance
03/04/25	Troubleshoot engine stalling	SC37	RM - Repairs & Maintenance
07/04/25	Troubleshoot speed sensor fault, test all wiring,	SC37	RM - Repairs & Maintenance
07/04/25	completed cooling system flush & fill with new coo	SC37	RM - Repairs & Maintenance
08/04/25	troubleshoot hydraulic valve leak, reseal & ressem	SC37	RM - Repairs & Maintenance
09/04/25	Remove floor roller from SC39, rebuild and fit/adj	SC37	RM - Repairs & Maintenance
16/04/25	Trouble shootatmosphere pressure sensor fault, rep	SC37	RM - Repairs & Maintenance
24/04/25	reseal leaking ejector pipe, refit covers & top up	SC37	RM - Repairs & Maintenance
30/04/25	Troubleshoot AC fault - replaced failed belt	SC37	RM - Repairs & Maintenance
01/05/25	fit AC belt & troubleshoot system	SC37	RM - Repairs & Maintenance
02/05/25	set up work area & remove RH steer cylinder	SC37	RM - Repairs & Maintenance
02/05/25	Disassemble rh steer clyinder & clean all parts	SC37	RM - Repairs & Maintenance
05/05/25	Clean & assemble RH steer cylinder	SC37	RM - Repairs & Maintenance
05/05/25	Install RH Steer cylinder & bleed circuit & 500 hr	SC37	RM - Repairs & Maintenance
05/05/25	500 Hour Service, replace compressor	SC37	RM - Repairs & Maintenance
05/05/25	Reseal lift cylinder & load parts to take to ouyen	SC37	RM - Repairs & Maintenance
05/05/25	500 hour service & fit steer cylinder	SC37	RM - Repairs & Maintenance
06/05/25	500 Hour Service	SC37	RM - Repairs & Maintenance
06/05/25	Machine breakdown - not starting, shutting off ran	SC37	RM - Repairs & Maintenance
12/05/25	Grease pump fault	SC37	RM - Repairs & Maintenance
13/05/25	rear break locking up	SC37	RM - Repairs & Maintenance
14/05/25	Goline clear	SC37	RM - Repairs & Maintenance
15/05/25	Split brake booster & order parts	SC37	RM - Repairs & Maintenance
15/05/25	change out AC belt, jack up & remove POS 4, remove	SC37	RM - Repairs & Maintenance
15/05/25	Install wheel end & complete wheel bearing pre-loa	SC37	RM - Repairs & Maintenance
15/05/25	Clean tyre parts & install tyre, inflate & begin b	SC37	RM - Repairs & Maintenance
15/05/25	Repair - dou seals	SC37	RM - Repairs & Maintenance
15/05/25	Repairs - dou seals & brakes	SC37	RM - Repairs & Maintenance
15/05/25	Repair - refit tyres	SC37	RM - Repairs & Maintenance
16/05/25	Remove machine from stands, fit belly plates, chan	SC37	RM - Repairs & Maintenance
16/05/25	Repairs, remove hose	SC37	RM - Repairs & Maintenance
19/05/25	Troubleshoot brake drag, found failed POS 3 booste	SC37	RM - Repairs & Maintenance
20/05/25	Brake booster	SC37	RM - Repairs & Maintenance
21/05/25	Troubleshoot atmospheric pressure sensor fault cod	SC37	RM - Repairs & Maintenance
26/05/25	fit ejector pipe after repair. Run up & test	SC37	RM - Repairs & Maintenance
27/05/25	complete AC bracket repair	SC37	RM - Repairs & Maintenance
29/05/25	change out atmospheic sensor	SC37	RM - Repairs & Maintenance
02/06/25	Troubleshoot & repair grease system power plug	SC37	RM - Repairs & Maintenance
10/06/25	Flip stinger, remove belly plate & inspect and tur	SC37	RM - Repairs & Maintenance
11/06/25	Change out steer hoses & hitch hoses	SC37	RM - Repairs & Maintenance
11/06/25	Completed stinger change out	SC37	RM - Repairs & Maintenance
12/06/25	Fit missing stinger bolts, replace air con compres	SC37	RM - Repairs & Maintenance
13/06/25	rebuilt 2 x brake boosters	SC37	RM - Repairs & Maintenance
16/06/25	Begin 250 hour service	SC37	RM - Repairs & Maintenance
17/06/25	250 Hour service	SC37	RM - Repairs & Maintenance
17/06/25	repair E-stop circuit - repair RH indicator circui	SC37	RM - Repairs & Maintenance
18/06/25	Check over, assemble exhaust, clean excess grease	SC37	RM - Repairs & Maintenance
18/06/25	Run up and test operations	SC37	RM - Repairs & Maintenance
19/06/25	Change out stinger & routers & brake air valve	SC37	RM - Repairs & Maintenance
01/07/25	Resecure temporary window	SC37	RM - Repairs & Maintenance
06/08/25	SC37 Brake locked on fault	SC37	RM - Repairs & Maintenance
13/08/25	SC37 Brakes	SC37	RM - Repairs & Maintenance
13/08/25	SC37 Remove & Reseal ejector valve, brake fault	SC37	RM - Repairs & Maintenance
14/08/25	SC37 brakes	SC37	RM - Repairs & Maintenance
14/08/25	SC37 Brake Fault	SC37	RM - Repairs & Maintenance
20/08/25	SC37 ejector door reseal	SC37	RM - Repairs & Maintenance
20/08/25	SC37 reseal ejector cylinder	SC37	RM - Repairs & Maintenance
21/08/25	SC37 reseal ejector cylinder	SC37	RM - Repairs & Maintenance
21/08/25	SC37 reseal ejector cylinder	SC37	RM - Repairs & Maintenance
03/09/25	SC37 Start Fault	SC37	RM - Repairs & Maintenance



Asset History Report

Friday, 22 April 2022

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
7032	651E CATERPILLAR SCRAPER							
4492	Repair cover brackets on rear of machine (fender).	12/01/1998	.00	.00	.00			\$0.00
4493	ROPS & paint base of cab.	11/02/1998	.00	.00	.00			\$0.00
4494	Rplce hitch pump hoses (rubbing on transfer case).	12/02/1998	.00	.00	.00			\$0.00
4495	Refit new seals to cab & Rplce cab.	13/02/1998	.00	.00	.00			\$0.00
4496	Refit sound suppression into cab.	16/02/1998	.00	.00	.00			\$0.00
4497	Fit new tread pads.	17/02/1998	.00	.00	.00			\$0.00
4498	Hitch pin change. P.I. 3025	4/03/1998	.00	.00	.00			\$0.00
4499	Elec inspection.	5/03/1998	.00	.00	.00			\$0.00
4500	Rplce suppressor on A/C unit.	5/03/1998	.00	.00	.00			\$0.00
4501	Change air lines in bowl (braided type).	11/03/1998	.00	.00	.00			\$0.00
4502	Reinforce rear belly guard.	11/03/1998	.00	.00	.00			\$0.00
4503	Fit new updated receiver.	11/03/1998	.00	.00	.00			\$0.00
4504	Repair Eng bay door latch.	11/03/1998	.00	.00	.00			\$0.00
4505	Change old hyd hose clamps.	4/04/1998	.00	.00	.00			\$0.00
4506	Fix windscreen wiper fault.	13/07/1998	.00	.00	.00			\$0.00
4507	Performed T.A.I. Inspection.	10/09/1998	.00	.00	.00			\$0.00
4508	Unload scraper, safety inspection	30/10/1998	.00	.00	.00			\$0.00
4509	R & R sump fit new gasket & test.	14/03/1999	.00	.00	.00			\$0.00
4510	500HR service	17/03/1999	.00	.00	.00	154	PM	\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4511	Change cutting edges	29/03/1999	.00	.00	.00			\$0.00
4512	Diagnose oil leak at rear of motor.	8/04/1999	.00	.00	.00			\$0.00
4513	Repair oil leak from LH front valve cover.	11/04/1999	.00	.00	.00			\$0.00
4514	Load onto float sent into G & G Newcastle	22/06/1999	.00	.00	.00			\$0.00
4515	Hitch not working Rplced the solenoid, flash arrestor,& inter face unit.	31/07/1999	.00	.00	.00			\$0.00
4516	Weld new plates on the bowl lift rams.	4/08/1999	.00	.00	.00			\$0.00
4517	1000HR service	17/08/1999	.00	.00	.00	155	PM	\$0.00
4518	Fit New edges GET.	1/09/1999	.00	.00	.00			\$0.00
4519	Fit new accumulator to seat	7/10/1999	.00	.00	.00			\$0.00
4520	Rplce RH steering hose	8/10/1999	.00	.00	.00			\$0.00
4521	rmve belt guard, find OK leak on sump. Fix retarder regulator. Tap out belt. Guard bolts.	15/10/1999	.00	.00	.00			\$0.00
4522	250HR service	15/10/1999	.00	.00	.00	153	PM	\$0.00
4523	Oil leak from on top of auxilary steering pump.	16/10/1999	.00	.00	.00			\$0.00
4524	Repair oil leak at sump. rmved belly guard oil lines & sump. Cleaned off old gasket & fitted new gasket. Refitted sump, hoses & belly guard.	25/10/1999	.00	.00	.00			\$0.00
4525	One broken window	6/11/1999	.00	.00	.00			\$0.00
4526	Turn routers.	13/11/1999	.00	.00	.00			\$0.00
4527	500HR service	29/11/1999	.00	.00	.00	154	PM	\$0.00
4528	inspect wiring for air con & repair brake clean out evap core.	10/12/1999	.00	.00	.00			\$0.00
4529	Solder earth wire to air cond thermostat from clutch hub.	11/12/1999	.00	.00	.00			\$0.00
4530	Fit new cutting edges.	21/12/1999	.00	.00	.00			\$0.00
4531	rmve broken bolts from step mount.	18/01/2000	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4532	rmve two broken bely plate bolts.	18/01/2000	.00	.00	.00			\$0.00
4533	Make & fit new h& rail.	19/01/2000	.00	.00	.00			\$0.00
4534	Weld broken bracket over the ejector ram.	20/01/2000	.00	.00	.00			\$0.00
4535	Rplce bolts front mud guard.	25/01/2000	.00	.00	.00			\$0.00
4536	Oil leaking somewhere around front of drive shaft tube.	25/02/2000	.00	.00	.00			\$0.00
4537	Service. Start to paint machines for transport	23/03/2000	.00	.00	.00			\$0.00
4538	Tidy up paint work to go away.	26/03/2000	.00	.00	.00			\$0.00
4539	Finish off painting. rmve push pad. Fit new exhaust stack.	27/03/2000	.00	.00	.00			\$0.00
4540	Gouge off old pads, renew pads, weld pads to rear of machine	28/03/2000	.00	.00	.00			\$0.00
4541	Fit new bowl runners, rmve boomarang for transport	28/03/2000	.00	.00	.00			\$0.00
4542	Fault find retarder circuit regulator siezed, Rplced.	17/05/2000	.00	.00	.00			\$0.00
4543	Find oil leak. Oil leak located coming from driveshaft outer cover into diff housing/chassis.	19/05/2000	.00	.00	.00			\$0.00
4544	Tyres/ fire suspression unit. Fire extinguisher.	23/05/2000	.00	.00	.00			\$0.00
4545	Weld lift lugs on spare cutting edges.	24/05/2000	.00	.00	.00			\$0.00
4546	Cutting edges.	31/05/2000	.00	.00	.00			\$0.00
4548	Check over tyres.	1/06/2000	.00	.00	.00			\$0.00
4549	Inspected cutting edges 90%.	3/06/2000	.00	.00	.00			\$0.00
4550	1000HR service	4/07/2000	.00	.00	.00	155	PM	\$0.00
4551	Adjust brakes.	13/07/2000	.00	.00	.00			\$0.00
4552	Update software to PI-3320 New software No. 164-3805 Old No. in machine 142-7164	14/07/2000	.00	.00	.00			\$0.00
4553	Recharge fire system	1/08/2000	.00	.00	.00			\$0.00
4554	Oil leaking from steering line. The 5J7157 valve & 8J3233 plug. Had posted on seats & begun to leak. The 5J7157 valve	4/08/2000	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
	was brazed over bleed hole until new valve & plug were installed.							
4555	Adjusted front & rear brakes.	17/08/2000	.00	.00	.00			\$0.00
4556	250HR service	21/08/2000	.00	.00	.00	153	PM	\$0.00
4557	Adjusted brakes.	25/09/2000	.00	.00	.00			\$0.00
4558	rmved & inspected tranny pump.	9/10/2000	.00	.00	.00			\$0.00
4559	R&R acculator bracket.	12/10/2000	.00	.00	.00			\$0.00
4560	rmved covernor/faulty find nut building up air. Broken drives shaft. rmved air compressor.	28/10/2000	.00	.00	.00			\$0.00
4561	Rebuilt air compressor. Rplced air compressor on machine.	29/10/2000	.00	.00	.00			\$0.00
4562	Bowl repairs.	30/10/2000	.00	.00	.00			\$0.00
4563	Adj brakes.	30/10/2000	.00	.00	.00			\$0.00
4564	Bowl repairs.	31/10/2000	.00	.00	.00			\$0.00
4565	Weld air tank bracket.	11/11/2000	.00	.00	.00			\$0.00
4566	Rerace ejector roller's & fit (side rollers). Fit ejector rollers & adjust.	16/11/2000	.00	.00	.00			\$0.00
4567	250HR service.	23/11/2000	.00	.00	.00	153	PM	\$0.00
4568	rmve sump-rmve oil pump & inspect. Look for trace of metal coming from. rmved compressor (gear worn on compressor past failure) Metal from past compressor failure.	1/12/2000	.00	.00	.00			\$0.00
4569	Adjust brakes.	5/12/2000	.00	.00	.00			\$0.00
4570	Fire suspression charged up.	11/12/2000	.00	.00	.00			\$0.00
4571	Fire suppression - gone off. Recharged.	18/12/2000	.00	.00	.00			\$0.00
4572	Gas fire system.	8/01/2001	.00	.00	.00			\$0.00
4573	Adjusted brakes.	19/01/2001	.00	.00	.00			\$0.00
4574	Brake inpection.	25/01/2001	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4575	Change differential. Change differential with differential with updated setup specification. New retainer plate & preload procedure.	29/01/2001	.00	.00	.00			\$0.00
4576	Repair rear step. Repair h&rail.	1/02/2001	.00	.00	.00			\$0.00
4577	Repair rear step. Repair grab rail. Weld cracks in cross brace.	5/02/2001	.00	.00	.00			\$0.00
4578	Broken lug on rear coverplates.	6/02/2001	.00	.00	.00			\$0.00
4579	Repair plate on rear step. Front bumper bar ripped open.	8/02/2001	.00	.00	.00			\$0.00
4580	R/H bowl lift cylinder leaking. New seals & OR-1411 rod ass were installed into cylinder. Cylinder tested & didn't leak.	1/03/2001	.00	.00	.00			\$0.00
4581	Radiator hoses, top up coolant.	2/03/2001	.00	.00	.00			\$0.00
4582	Repair damage to front bumper.	24/05/2001	.00	.00	.00			\$0.00
4583	Place rubber packing rear air tank clamps.	26/05/2001	.00	.00	.00			\$0.00
4584	Fire supression unit unloaded. Wormold visited & serviced.	21/06/2001	.00	.00	.00			\$0.00
4585	Fire supression unloaded again. Wormald called to repair. Make up & Rplced faulty hose.	27/06/2001	.00	.00	.00			\$0.00
4586	Fire supression off again. Arrange repair. Tighten dash after Wormold left loose.	3/07/2001	.00	.00	.00			\$0.00
4587	1000HR service.	4/07/2001	.00	.00	.00	155	PM	\$0.00
4588	Inspect front diff magnet.	12/07/2001	.00	.00	.00			\$0.00
4589	Checkmagnet on diff.	25/07/2001	.00	.00	.00			\$0.00
4590	Checkdiffmagnet #heavypasty noflakes.	25/07/2001	.00	.00	.00			\$0.00
4591	Rplce radiator relief valve.	1/08/2001	.00	.00	.00			\$0.00
4592	LH rear wheel bearing adjust & change oil.	2/08/2001	.00	.00	.00			\$0.00
4593	Check rear hubsformetal -changed oil & adjusted bearing pre load.	2/08/2001	.00	.00	.00			\$0.00
4594	Change oil & adjust rh rear hub . rmve & Rplce broken belly plate bolt. Adjust brakes	4/08/2001	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4595	plate bolt. Adjust brakes. Change & check r/h rear hub okay & adjust bearing pre load. rmve & Rplce broken belly guard bolts. Adjust brakes.	4/08/2001	.00	.00	.00			\$0.00
4596	Rplce missing bolts in front panel.	17/08/2001	.00	.00	.00			\$0.00
4597	Check preload on lhr wheel.	20/08/2001	.00	.00	.00			\$0.00
4598	Install wiring for beacon.	20/08/2001	.00	.00	.00			\$0.00
4599	250HR service.	23/08/2001	.00	.00	.00	153	PM	\$0.00
4600	Ring Mike Nysten. Rectify white metal flakes found in oil filter.	24/08/2001	.00	.00	.00			\$0.00
4601	Fit up flashing lights.	25/08/2001	.00	.00	.00			\$0.00
4602	Change over front r/h brake chamber. Rplce a/c & alt belts.	31/08/2001	.00	.00	.00			\$0.00
4603	Hitch accumulator support clamp broken.	18/09/2001	.00	.00	.00			\$0.00
4604	rmve broken bolts on door limiter & refit.	10/10/2001	.00	.00	.00			\$0.00
4605	500HR service.	16/10/2001	.00	.00	.00	154	PM	\$0.00
4606	Weld up ejector pipe leak.	19/10/2001	.00	.00	.00			\$0.00
4607	Fit ejector cylinder pipe. Fit cartridge to hitch valve & test. Check for Eng oil leak.	20/10/2001	.00	.00	.00			\$0.00
4608	Check oil leak on Eng. Rear flywheel housing gasket leaking. Check with G&G for warranty claim.	23/10/2001	.00	.00	.00			\$0.00
4609	Repair push pad on rear.	31/10/2001	.00	.00	.00			\$0.00
4610	Weld up push pad.	1/11/2001	.00	.00	.00			\$0.00
4611	Fit reco brake chamber rh rear.	2/11/2001	.00	.00	.00			\$0.00
4612	Fit urbo coolant hose.	3/11/2001	.00	.00	.00			\$0.00
4613	Test trans for cause of not shifting found switch cogged fault.	10/11/2001	.00	.00	.00			\$0.00
4614	Repair. Push pad. Fit new a/c compressor & receiver dryer & gas up system.	15/11/2001	.00	.00	.00			\$0.00
4615	Test trans for shifting problem. Fit new position switch. Found bad	16/11/2001	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4616	Clean speed sensor connections.	17/11/2001	.00	.00	.00			\$0.00
4617	Clean re-seal speed sensor.	5/12/2001	.00	.00	.00			\$0.00
4618	Repair seat. Cylinder punched through seat base.	15/12/2001	.00	.00	.00			\$0.00
4619	Wash machine for trans & Eng removal.	20/12/2001	.00	.00	.00			\$0.00
4620	Trans rmved & sent to Sydney for repair.	21/12/2001	.00	.00	.00			\$0.00
4621	Check trans wiring.	10/01/2002	.00	.00	.00			\$0.00
4622	Check trans shift problem with G&G.	11/01/2002	.00	.00	.00			\$0.00
4623	Re-gas fire suppression.	14/01/2002	.00	.00	.00			\$0.00
4624	Repair wiring for speed sensor.	16/01/2002	.00	.00	.00			\$0.00
4625	Start 2000HR service.	18/01/2002	.00	.00	.00	156	PM	\$0.00
4626	Metal & bearing cage found in diff. rmve diff, Rplce with G&G exchange unit. Send diff to G&G Parramatta to be disassembled & report.	18/01/2002	.00	.00	.00			\$0.00
4627	Assist G&G install & rmve diff with exchange unit. Old supp steer dirve pinion was reused as bearings on exchange unit were damaged rusty.	21/01/2002	.00	.00	.00			\$0.00
4628	Weld, adjust, fit brackets for air tanks.	21/01/2002	.00	.00	.00			\$0.00
4629	Check machine. Re route hoses after trans/diff installation by G&G.	23/01/2002	.00	.00	.00			\$0.00
4630	rmve broken belly plate bolts.	24/01/2002	.00	.00	.00			\$0.00
4631	rmve fire ex from all plant for testing. Discharge & inspect. FFE hyd test on cylinders. Refill systems with foan & water & gas up. Make repairs as necessary. Rplce all shuttles.	29/01/2002	.00	.00	.00			\$0.00
4633	1000HR service.	1/02/2002	.00	.00	.00	155	PM	\$0.00
4634	Rplce-modify all pressure signal side of fire suppression housing, Rplce turbo coolant hose, Rplce coolant.	11/02/2002	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4635	Belly plate bolts-upsize.	12/02/2002	.00	.00	.00			\$0.00
4636	Rplce seat ram adjust.	12/02/2002	.00	.00	.00			\$0.00
4637	Re-gas fire system.	18/02/2002	.00	.00	.00			\$0.00
4638	Locate trans shift problem - close circuit to fix.	21/03/2002	.00	.00	.00			\$0.00
4639	Trans shifting problem. Found trans ECM receiving park brake on signal. Caused by main harness open circuit at connector plug. Wire had not had insulation rmved at factory assembly. Would have been like this since new.	21/03/2002	.00	.00	.00			\$0.00
4640	G&G on site. Check all drive rubbers on 651's.	22/04/2002	.00	.00	.00			\$0.00
4642	Charge up fire systems.	3/05/2002	.00	.00	.00			\$0.00
4643	250HR service.	9/05/2002	.00	.00	.00	153	PM	\$0.00
4644	Fit seat accumulator.	15/05/2002	.00	.00	.00			\$0.00
4645	Weld leaking ejector pipe.	17/05/2002	.00	.00	.00			\$0.00
4646	Repair brake lights.	31/05/2002	.00	.00	.00			\$0.00
4647	Fit all new belts.	19/06/2002	.00	.00	.00			\$0.00
4648	Install exhaust studs, manifolds, sheilding.	20/06/2002	.00	.00	.00			\$0.00
4649	Inspect.	2/07/2002	.00	.00	.00			\$0.00
4650	Rplce orings in l/h front tyre.	4/07/2002	.00	.00	.00			\$0.00
4651	Gas check & top up fire supp systems.	10/07/2002	.00	.00	.00			\$0.00
4652	Wash down finish off for transport.	24/07/2002	.00	.00	.00			\$0.00
4653	Performed machinery inpsection.	30/07/2002	.00	.00	.00			\$0.00
4654	Performed inspection.	1/08/2002	.00	.00	.00			\$0.00
4655	Diagnosing tranny with shifting fault.	2/08/2002	.00	.00	.00			\$0.00
4656	Fit lockouts, adjust mirrors, fit aerals commission machine.	8/08/2002	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4657	rmve bonnet & u/s muffler.	13/08/2002	.00	.00	.00			\$0.00
4658	Fitted exhaust stack.	17/08/2002	.00	.00	.00			\$0.00
4659	rmve broken belly plate bolts install new alt, air con belts.	18/08/2002	.00	.00	.00			\$0.00
4660	Repair air leak in seat.	19/08/2002	.00	.00	.00			\$0.00
4661	Repair dash panel for c/h switch.	28/08/2002	.00	.00	.00			\$0.00
4662	Diagnose shifting problem.	29/08/2002	.00	.00	.00			\$0.00
4663	Investigate Trans not shifting properly. Could not fault. Checked pump pressure, cut filler & checked for Elec faults.	29/08/2002	.00	.00	.00			\$0.00
4664	Continue testing for Trans shift problem, adjusted speed sensor	31/08/2002	.00	.00	.00			\$0.00
4665	Metal found in Trans filter. 2 spun bearings in Trans scauarge pump. Striped Trans to find source of metal or failure checked all componetay to specs, no failure or metal being made.	1/10/2002	.00	.00	.00			\$0.00
4666	Service. Found metal in filter & screen of trans. rmve send to G&G for disassembly. Metal from pump bushes only.	12/10/2002	.00	.00	.00			\$0.00
4667	Move & install Rplce power shift Trans. rmved trans to material found in trans screen. Trans pump bushing's.	16/10/2002	.00	.00	.00			\$0.00
4668	rmve diff, after finding bearing cage when servicing.	22/10/2002	.00	.00	.00			\$0.00
4669	Metal found in screen, bearing cage on diff plug. rmve diff centre (bearing cage pieces found on diff plug). Refit reman diff centre. Refit Trans, pieces of metal found in suction screen.	23/10/2002	.00	.00	.00			\$0.00
4670	Diff making metal. 500HR after rebuild. Diff prior outer cone-cage snapper causing bearing to fail. Stripped & cleaned diff sent housing for latest PSP program Rplced new bearings, adjust pinion & diff backlash to latest cat specs.	6/11/2002	.00	.00	.00			\$0.00
4671	Fire system service by FFE.	18/11/2002	.00	.00	.00			\$0.00
4672	Adjust brakes.	19/11/2002	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4673	Repair oring & hose charge accumulators.	20/11/2002	.00	.00	.00			\$0.00
4674	Service leaking RH front wheel seal.	12/12/2002	.00	.00	.00			\$0.00
4675	Rplce front rh wheel seal & brake shocks.	13/12/2002	.00	.00	.00			\$0.00
4676	Fit final drive cover. Pick up points. Fill oils.	14/12/2002	.00	.00	.00			\$0.00
4677	Service a/c.	21/01/2003	.00	.00	.00			\$0.00
4678	Weld up air comp oil feed pipe.	22/01/2003	.00	.00	.00			\$0.00
4679	Fit spare hitch pump. Pump u/s.	3/02/2003	.00	.00	.00			\$0.00
4680	Check diff plug.	26/03/2003	.00	.00	.00			\$0.00
4681	Diff removed	28/03/2003	.00	.00	.00			\$0.00
4682	L/H front brake stuck on. Freed up adjusted, okay.	5/04/2003	.00	.00	.00			\$0.00
4683	Fit new tyres to drive.	7/04/2003	.00	.00	.00			\$0.00
4684	Reseal control valve.	9/04/2003	.00	.00	.00			\$0.00
4685	Free up control linkage.	10/04/2003	.00	.00	.00			\$0.00
4686	Service fire system.	22/04/2003	.00	.00	.00			\$0.00
4687	Weld up ejector pipe.	13/05/2003	.00	.00	.00			\$0.00
4688	250HR service.	17/05/2003	.00	.00	.00	153	PM	\$0.00
4689	Repair air system - isolate air dryer.	16/07/2003	.00	.00	.00			\$0.00
4690	Repair air dryer. Replace air hose. Locate oil leaks.	25/07/2003	.00	.00	.00			\$0.00
4691	Repair air dryer. Locate oil leaks (drop and lift belly guard).	26/07/2003	.00	.00	.00			\$0.00
4692	Reseal hitch pump.	8/08/2003	.00	.00	.00			\$0.00
4693	Reseal hitch leveling spool lip seal.	21/08/2003	.00	.00	.00			\$0.00
4694	500HR service.	3/09/2003	.00	.00	.00	154	PM	\$0.00
4695	Remove replace supp. Strip pump, inspect exhaust leak. Fit exchange pump.	18/09/2003	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4696	Reseal oil side of fuel pump.	20/09/2003	.00	.00	.00			\$0.00
4697	Ejector not relieving out of power back.	23/09/2003	.00	.00	.00			\$0.00
4698	Remove ejector defect spool and spring, okay, adjust pressure.	24/09/2003	.00	.00	.00			\$0.00
4699	Ejector speed tests.	24/09/2003	.00	.00	.00			\$0.00
4700	Replace hyd implement pump, rebuild, install, set up, run.	25/09/2003	.00	.00	.00			\$0.00
4701	Fit new oring to pump suction pipe.	26/09/2003	.00	.00	.00			\$0.00
4702	Fit new exhaust elbow re-align muffler.	8/10/2003	.00	.00	.00			\$0.00
4703	Hitch failure, rewire hitch wiring.	14/10/2003	.00	.00	.00			\$0.00
4704	Apron trigger seized, pull apart, clean. Lube.	17/10/2003	.00	.00	.00			\$0.00
4705	Install new with hose.	25/10/2003	.00	.00	.00			\$0.00
4706	Stitch weld floor runners.	31/10/2003	.00	.00	.00			\$0.00
4707	250 service.	6/11/2003	.00	.00	.00	153	PM	\$0.00
4708	Assisted inspecting machine for steering fault. Checked pressure, topped up hyd oil. Okay, couldn't find a supposed fault.	7/11/2003	.00	.00	.00			\$0.00
4709	Help service, problems	7/11/2003	.00	.00	.00			\$0.00
4710	Welded exhaust stack to muffler.	19/11/2003	.00	.00	.00			\$0.00
4711	Replace air cleaners (vandal damage).	19/12/2003	.00	.00	.00			\$0.00
4712	Hitch u/s replace wiring.	7/01/2004	.00	.00	.00			\$0.00
4713	Adjust brakes, blow out a/c filters.	15/01/2004	.00	.00	.00			\$0.00
4714	Fitted new hitch solenoid.	17/01/2004	.00	.00	.00			\$0.00
4715	Fit new hitch wiring loom.	22/01/2004	.00	.00	.00			\$0.00
4716	Check fuel setting on 651F scrapers. Download fuel settings.	24/01/2004	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4717	Removed u/s cotton reel.	29/01/2004	.00	.00	.00			\$0.00
4718	Help remove drive shaft dismantle and clean all parts.	29/01/2004	.00	.00	.00			\$0.00
4719	Fitted inserts into drive shaft for 7032. Remove and replace cotton reel drive shaft (inserts collapsed).	30/01/2004	.00	.00	.00			\$0.00
4720	Fitted cotton reel and acc's. Ran and check.	31/01/2004	.00	.00	.00			\$0.00
4721	Replace cotton reel, ready to run, test.	31/01/2004	.00	.00	.00			\$0.00
4722	Replace muffler.	3/02/2004	.00	.00	.00			\$0.00
4723	Str problem, test pressure, okay. Check tyres, oil, str wheel pull, okay.	12/02/2004	.00	.00	.00			\$0.00
4724	Repaired hitch fault. Found solenoid and suppressor to be u/s. Swapped with another machine.	9/03/2004	.00	.00	.00			\$0.00
4725	250HR service.	10/03/2004	.00	.00	.00	153	PM	\$0.00
4726	Repaired apron switch.	16/04/2004	.00	.00	.00			\$0.00
4727	Inspect machine, complete repair list.	30/04/2004	.00	.00	.00			\$0.00
4728	Inspect fault in hitch, intermittent fault, and working okay now.	12/05/2004	.00	.00	.00			\$0.00
4729	Inspect intermittent fault in hitch. Remove and clean hitch solenoid valve.	18/05/2004	.00	.00	.00			\$0.00
4730	500HR service, repair exhaust pipe.	20/05/2004	.00	.00	.00	154	PM	\$0.00
4731	Tighten radiator hoses.	24/05/2004	.00	.00	.00			\$0.00
4732	Repair hitch wiring.	2/06/2004	.00	.00	.00			\$0.00
4733	Install batteries.	1/07/2004	.00	.00	.00			\$0.00
4734	Inspect intermittent hitch fault.	4/08/2004	.00	.00	.00			\$0.00
4735	Hitch not working, run power supply to switch.	23/08/2004	.00	.00	.00			\$0.00
4736	Repair engine door lock.	10/09/2004	.00	.00	.00			\$0.00
4737	250HR service.	26/11/2004	.00	.00	.00	153	PM	\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4738	R&R steering cylinder, fit Mt Kuring-gai exchange.	11/04/2005	.00	.00	.00			\$0.00
4739	Repair corner of apron.	30/06/2005	.00	.00	.00			\$0.00
4740	Fit new rear brake chamber no. 4 position. Fits/h booster no. 3 position and adjust brakes. New booster sent from Mt Kuring-gai.	17/09/2005	.00	.00	.00			\$0.00
4741	1000HR service.	21/09/2005	.00	.00	.00	155	PM	\$0.00
4742	Inspect transmission shift fault.. Transmission not shifting repair wiring oil.	5/10/2005	.00	.00	.00			\$0.00
4743	Engine would not start. Inspect, check, okay, show turnover.	17/10/2005	.00	.00	.00			\$0.00
4744	Test starting system etc. for hard starting.	19/10/2005	.00	.00	.00			\$0.00
4745	250HR service.	7/11/2005	.00	.00	.00	153	PM	\$0.00
4746	Replace cushion hitch solenoid and valve after failure.	12/11/2005	.00	.00	.00			\$0.00
4747	Remove broken front window. Get new window made and install.	14/11/2005	.00	.00	.00			\$0.00
4748	Brake locked on #1 position. Release and readjust brakes. Tested okay.	19/12/2005	.00	.00	.00			\$0.00
4749	500HR service. 500hr service. service as per Caterpillar maintenance checklist.	14/01/2006	.00	.00	.00	154	PM	\$0.00
4750	Refit right hand front step.	16/01/2006	.00	.00	.00			\$0.00
4751	Remove left hand steer cylinder. Right hand hydraulic Burleigh to reseal. Clean down control valve and inspect apron switch.	13/02/2006	.00	.00	.00			\$0.00
4752	Pick up steer cylinder right hand hydraulics, Burleigh. Reseal implement control valve. Test okay. Inspect apron switch not working. Solenoid valve not working. Fit steer cylinder, adjust brakes. R&R injector solenoid.	14/02/2006	.00	.00	.00			\$0.00
4753	Prepare for transport. Install, adjust and test left hand steering cylinder.	15/02/2006	.00	.00	.00			\$0.00
4754	Repair machine for transport etc mirrors. Replace front window.	16/02/2006	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4755	Fit aprin pins.. Blown left hand lift ram hose. Bolts broken out while dismantling, rusted away.	21/02/2006	.00	.00	.00			\$0.00
4756	Replace blown hose and fittings unload and test.	22/02/2006	.00	.00	.00			\$0.00
4757	Rectify brakes not releasing .	23/02/2006	.00	.00	.00			\$0.00
4758	Rectify retarder not operating.	25/02/2006	.00	.00	.00			\$0.00
4759	Check bowl lift.	3/03/2006	.00	.00	.00			\$0.00
4760	Change kit in air dryer.	4/03/2006	.00	.00	.00			\$0.00
4761	Aprin to banana pin in left ramp missing. Broken keeper off pin. Re manufacture pin keeper and refit.	10/03/2006	.00	.00	.00			\$0.00
4762	Check out front brakes locking on.	17/03/2006	.00	.00	.00			\$0.00
4763	Grease and adjust brakes. Fit new bush in top aprin ram and fit new pin. Fit recon hitch pump.	18/03/2006	.00	.00	.00			\$0.00
4764	Check brakes sticking on and rectify. Repair oil leak at new hitch pump. Valve bolts loose from factory.	20/03/2006	.00	.00	.00			\$0.00
4765	Repair and fit broken braking on hyd accumulator.	21/03/2006	.00	.00	.00			\$0.00
4766	Check brakes. Change engine oil and filters. Take oil sample.	22/03/2006	.00	.00	.00			\$0.00
4767	Weld up muffler temp reapir	28/03/2006	.00	.00	.00			\$0.00
4768	Fit bew front drive tyres 40.5XMS	29/03/2006	.00	.00	.00			\$0.00
4769	Repair air leak	29/03/2006	.00	.00	.00			\$0.00
4770	No go. Rectify not starting, Fire suppression dropped pressure. Refit engine side door, repaired latch.	3/04/2006	.00	.00	.00			\$0.00
4771	Tighten exhaust stack.	4/04/2006	.00	.00	.00			\$0.00
4772	Fit new clamps on hyd accumulator.	5/04/2006	.00	.00	.00			\$0.00
4773	Check out fire suppression for top up charge.	9/04/2006	.00	.00	.00			\$0.00
4774	Replace out air element.	11/04/2006	.00	.00	.00			\$0.00
4775	Tighten exhaust stack.	19/04/2006	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4776	Repair oil leak at cushion hitch. Accumulator valve. Top up fire suppression.	20/04/2006	.00	.00	.00			\$0.00
4777	Check out and rectify trans neutralizing, check out fuse usage.	28/04/2006	.00	.00	.00			\$0.00
4778	Cleanout cabins.	2/05/2006	.00	.00	.00			\$0.00
4779	R+R hitch pump gasket	27/06/2006	.00	.00	.00			\$0.00
4780	Check and charge accumulators	3/07/2006	.00	.00	.00			\$0.00
4781	R+R accumulators reseal and refit and recharge	5/07/2006	.00	.00	.00			\$0.00
4782	R+R L/H side wall ejector roller	18/08/2006	.00	.00	.00			\$0.00
4783	2000HR service	4/09/2006	.00	.00	.00	156	PM	\$0.00
4784	R+R R/H lower ejector roller-broken shaft	26/09/2006	.00	.00	.00			\$0.00
4785	Refit reco apron cyl from 7044 borrowed	29/09/2006	.00	.00	.00			\$0.00
4786	R+R roto chamber- Pos 2	7/10/2006	.00	.00	.00			\$0.00
4787	Adjust valve lash @2000HRs Replace all vee belts	14/11/2006	.00	.00	.00	156	PM	\$0.00
4788	Remove and reseal all pumps and piping fit new steering flow switch replace broken belly guard bolts R+R accumulator brackets reseal diff supp steer adaptor plate	21/11/2006	.00	.00	.00			\$0.00
4789	R+R cooler to cylinder block hose refill with elc-extender added	27/11/2006	.00	.00	.00			\$0.00
4790	R+R R/H bowl lift hose	29/11/2006	.00	.00	.00			\$0.00
4791	Place mine radio in machine c/o 12 volt converter mount arial c/o dryer and replace dump valve.	5/02/2007	.00	.00	.00			\$0.00
4792	Remove accumulators	10/02/2007	.00	.00	.00			\$0.00
4793	Steering problem. Adjust main relief pressure to 1900 from 1600	16/02/2007	.00	.00	.00			\$0.00
4794	Begin removal of steering pump	17/02/2007	.00	.00	.00			\$0.00
4795	Remove supp steer pump	18/02/2007	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4796	Remove steer pump & disassemble for inspection	18/02/2007	.00	.00	.00			\$0.00
4797	Start to rebuild steering pump assembled waiting on face mounting o ring	20/02/2007	.00	.00	.00			\$0.00
4798	Start to rebuild steering pump.	20/02/2007	.00	.00	.00			\$0.00
4799	Fit rebuild steer pump, had to find suitable o rings as originals lost	21/02/2007	.00	.00	.00			\$0.00
4800	Change hyd filters, fill up hyd oil tank	21/02/2007	.00	.00	.00			\$0.00
4801	Continue hydraulic hose fitting to radiator cowl	23/02/2007	.00	.00	.00			\$0.00
4802	Cushion hitch pump remove and replace. Remove pump off 7031.	28/02/2007	.00	.00	.00			\$0.00
4803	Check hydraulic and trans oil	2/03/2007	.00	.00	.00			\$0.00
4804	Reseal accumulator	3/03/2007	.00	.00	.00			\$0.00
4805	Park brake switch u/s bridge wiring then put second hand one on	5/03/2007	.00	.00	.00			\$0.00
4806	R+R fuel check valve Replace fuel check valve	15/03/2007	.00	.00	.00			\$0.00
4807	Remove refit broken bolts in ejector speed change valve mounting bracket, weld up steel pipe with pin hole	28/03/2007	.00	.00	.00			\$0.00
4808	500HR service	29/03/2007	.00	.00	.00	154	PM	\$0.00
4809	Remove and replace heui drive gears and housing as white metal bearing had spun in housing	10/04/2007	.00	.00	.00			\$0.00
4810	Valve train noise complete valve set- ok remove air compressor and replace	19/04/2007	.00	.00	.00			\$0.00
4811	Replace ejector speed change valve hose	23/04/2007	.00	.00	.00			\$0.00
4812	Reseal front hitch accumulator	5/05/2007	.00	.00	.00			\$0.00
4813	250HR service	15/05/2007	.00	.00	.00	153	PM	\$0.00
4814	250HR service	23/05/2007	.00	.00	.00	153	PM	\$0.00
4815	Float Bonville to Mt K	31/05/2007	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4816	Unload, remove guards and covers	4/06/2007	.00	.00	.00			\$0.00
4817	Clean	5/06/2007	.00	.00	.00			\$0.00
4818	Push pad repairs	21/06/2007	.00	.00	.00			\$0.00
4819	Repairs to bowl	28/06/2007	.00	.00	.00			\$0.00
4820	Bowl repairs	2/07/2007	.00	.00	.00			\$0.00
4821	Bowl repairs	4/07/2007	.00	.00	.00			\$0.00
4822	Continue transmission rebuild	10/07/2007	.00	.00	.00			\$0.00
4823	Continue transmission assembly	11/07/2007	.00	.00	.00			\$0.00
4824	Machine steering cylinder rod, prepare to line bore banana	11/07/2007	.00	.00	.00			\$0.00
4825	Continue transmission assembly	12/07/2007	.00	.00	.00			\$0.00
4826	Assemble transmission	13/07/2007	.00	.00	.00			\$0.00
4827	Continue transmission assembly	18/07/2007	.00	.00	.00			\$0.00
4828	Fit banana, trans guard	19/07/2007	.00	.00	.00			\$0.00
4829	Fit spacer to hitch, assemble transmission	19/07/2007	.00	.00	.00			\$0.00
4830	Prepare for paint	20/07/2007	.00	.00	.00			\$0.00
4831	Check brake problem	23/07/2007	.00	.00	.00			\$0.00
4832	Start line bore hitch	24/07/2007	.00	.00	.00			\$0.00
4833	Line bore hitch	25/07/2007	.00	.00	.00			\$0.00
4834	Line bore hitch	26/07/2007	.00	.00	.00			\$0.00
4835	Fit up after paint, line bore hitch	27/07/2007	.00	.00	.00			\$0.00
4836	Charge fire suppression, fit guards	30/07/2007	.00	.00	.00			\$0.00
4837	Continue line bore hitch	31/07/2007	.00	.00	.00			\$0.00
4838	Line bore hitch	1/08/2007	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4839	Fit up after paint	2/08/2007	.00	.00	.00			\$0.00
4840	Tidy up air lines, repair steering fault	2/08/2007	.00	.00	.00			\$0.00
4841	Carry out machine system performance check	3/08/2007	.00	.00	.00			\$0.00
4842	Check hydraulic pressures, replace 2x front roto chambers	6/08/2007	.00	.00	.00			\$0.00
4843	Rebuild brake chambers	7/08/2007	.00	.00	.00			\$0.00
4844	Arrived on site, Grind hard facing from Apron	7/08/2007	.00	.00	.00			\$0.00
4845	Line bore hitch	10/08/2007	.00	.00	.00			\$0.00
4846	Repair failed turbo feed line	10/08/2007	.00	.00	.00			\$0.00
4847	Fit new L/H router bolts	22/08/2007	.00	.00	.00			\$0.00
4848	Adjust seat acc pressure	27/08/2007	.00	.00	.00			\$0.00
4849	New pos.1 and 2 tyres	1/09/2007	.00	.00	.00			\$0.00
4850	Repair S cam grease nipples	3/09/2007	.00	.00	.00			\$0.00
4851	1000HR service	22/09/2007	.00	.00	.00	155	PM	\$0.00
4852	Trouble shoot hitch faults	8/10/2007	.00	.00	.00			\$0.00
4853	Clean up, repairs	11/10/2007	.00	.00	.00			\$0.00
4854	Reline pos.1 brake shoes, repair grease lines	12/10/2007	.00	.00	.00			\$0.00
4855	Fire sup srv, left site	13/10/2007	.00	.00	.00			\$0.00
4856	Install radio, remove UHF	15/10/2007	.00	.00	.00			\$0.00
4857	Tightened seat adjuster	17/10/2007	.00	.00	.00			\$0.00
4858	Roller on ejector	21/10/2007	.00	.00	.00			\$0.00
4859	Rebuild ejector and floor rollers	22/10/2007	.00	.00	.00			\$0.00
4860	Fit new radio	24/10/2007	.00	.00	.00			\$0.00
4861	Cushion hitch - inspected OK	27/10/2007	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4862	Temp gauge	27/10/2007	.00	.00	.00			\$0.00
4863	Cushion hitch, check pressures, OK. Set up lever/spring adjustment.	28/10/2007	.00	.00	.00			\$0.00
4864	Leaking hydraulic hose, new o-rings	30/10/2007	.00	.00	.00			\$0.00
4865	Pos 1 inner mudguard loose	30/10/2007	.00	.00	.00			\$0.00
4866	Weld up crack in ejector ram pipe	2/11/2007	.00	.00	.00			\$0.00
4867	Cushion hitch playing up c/o switch	3/11/2007	.00	.00	.00			\$0.00
4868	Assemble steer cylinders	9/11/2007	.00	.00	.00			\$0.00
4869	repair guards and brackets	9/11/2007	.00	.00	.00			\$0.00
4870	assemble hydraulic pumps front brake scams	9/11/2007	.00	.00	.00			\$0.00
4871	Grease pad reservoir cracked	11/11/2007	.00	.00	.00			\$0.00
4872	250HR service and mech check	13/11/2007	.00	.00	.00	153	PM	\$0.00
4873	Machine wouldn't drive, disconnected transmission wiring harness cleared all plus tested	19/11/2007	.00	.00	.00			\$0.00
4874	Inspect stuck throttle	27/11/2007	.00	.00	.00			\$0.00
4875	Seat fault	1/12/2007	.00	.00	.00			\$0.00
4876	Repair pipe ejector cyl	2/12/2007	.00	.00	.00			\$0.00
4877	Fit ejector cylinder pipes	4/12/2007	.00	.00	.00			\$0.00
4878	Ejector cylinder lines	5/12/2007	.00	.00	.00			\$0.00
4879	500HR service	19/12/2007	.00	.00	.00	154	PM	\$0.00
4880	Mech check	20/12/2007	.00	.00	.00			\$0.00
4881	Mech check	23/12/2007	.00	.00	.00			\$0.00
4882	Mech check	25/12/2007	.00	.00	.00			\$0.00
4883	Replaced relay valve	2/01/2008	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4884	Retarder valve leaking	24/01/2008	.00	.00	.00			\$0.00
4885	Seat not working, repaired and reassembled	25/01/2008	.00	.00	.00			\$0.00
4886	Pos 1 tyre failed. Finish off tyre c/o. retarder valve pressure.	26/01/2008	.00	.00	.00			\$0.00
4887	Cushion hitch fault	31/01/2008	.00	.00	.00			\$0.00
4888	Turn stinger, broken grease line	4/02/2008	.00	.00	.00			\$0.00
4889	Pos 3 tyre - replaced	9/02/2008	.00	.00	.00			\$0.00
4890	Fit transmission shift controller cover	13/02/2008	.00	.00	.00			\$0.00
4891	Repaired broken transmission lever	18/02/2008	.00	.00	.00			\$0.00
4892	Check accumulator pressure. Seat complaint.	21/02/2008	.00	.00	.00			\$0.00
4893	Seat fault. Adjusted dampener, adjusted and found to be ok.	22/02/2008	.00	.00	.00			\$0.00
4894	Replace top coolant hoses. Refit engine door, router bolts, lights.	23/02/2008	.00	.00	.00			\$0.00
4895	c/o router bolts and nuts, repair and refit eng door and repair dash light and work lights and tail lights, repair window washers	24/02/2008	.00	.00	.00			\$0.00
4896	Repair grease line	26/02/2008	.00	.00	.00			\$0.00
4897	2000HR service and mech check	29/02/2008	.00	.00	.00	156	PM	\$0.00
4898	Finish service and tune-up	1/03/2008	.00	.00	.00			\$0.00
4899	Repair and install seat, remove starter. Wire-up starter.	2/03/2008	.00	.00	.00			\$0.00
4900	Trouble shoot starting problem, found starter motor locked in, free up and test, refit belly plates	3/03/2008	.00	.00	.00			\$0.00
4901	Replace pos 3 planetary cover seal	4/03/2008	.00	.00	.00			\$0.00
4902	Exhaust pipe clamp loose. Check out exhaust bracken broken.	5/03/2008	.00	.00	.00			\$0.00
4903	Exhaust clamp. Remove rear bonnet and exhaust weld broken bracket around muffler.	6/03/2008	.00	.00	.00			\$0.00
4904	Fit all components to seat - rebuild (all new parts)	13/03/2008	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4905	Inspect seat, found to have to adjustment	16/03/2008	.00	.00	.00			\$0.00
4906	Seat damper control valve u/s, repaired	17/03/2008	.00	.00	.00			\$0.00
4907	Seat, re-bush and replace parts	19/03/2008	.00	.00	.00			\$0.00
4908	Seat height control valve u/s	22/03/2008	.00	.00	.00			\$0.00
4909	Seat accumulator	24/03/2008	.00	.00	.00			\$0.00
4910	Pos 4 tyre u/s - r+r	24/03/2008	.00	.00	.00			\$0.00
4911	Seat	25/03/2008	.00	.00	.00			\$0.00
4912	Weld on dipstick cover	30/03/2008	.00	.00	.00			\$0.00
4913	Charge cushion hitch accumulators	7/04/2008	.00	.00	.00			\$0.00
4914	Hose tree bracket on goosener loose	11/04/2008	.00	.00	.00			\$0.00
4915	Seat going hard, seat height handle faulty	13/04/2008	.00	.00	.00			\$0.00
4916	Fitted parts to seat that were missing	14/04/2008	.00	.00	.00			\$0.00
4917	250HR service and mech check	26/04/2008	.00	.00	.00	153	PM	\$0.00
4918	Throttle fault, c/o TPS	2/05/2008	.00	.00	.00			\$0.00
4919	Cushion hitch trouble found switch playing up	7/05/2008	.00	.00	.00			\$0.00
4920	Repair seat, broken bolts. Cutting edge change out.	13/05/2008	.00	.00	.00			\$0.00
4921	Fit cushion hitch switch	15/05/2008	.00	.00	.00			\$0.00
4922	Repaired reverse alarm, adjusted switch, repaired 1 step, repaired indicator, replaced missing a/c lournes	18/05/2008	.00	.00	.00			\$0.00
4923	Weld nuts to scraper and mount steps to pos 2 side, drill out broken seized belly guard bolts	22/05/2008	.00	.00	.00			\$0.00
4924	Broken belly guard bolts	23/05/2008	.00	.00	.00			\$0.00
4925	Apron spool jammed in control valve. Fit b/guard bolts/washers in parts box.	24/05/2008	.00	.00	.00			\$0.00
4926	Apron control valve spool - started to diagnose	25/05/2008	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4927	Implement valve faulty, tranny selector manifold removed for 7037	27/05/2008	.00	.00	.00			\$0.00
4928	Repaired apron spool	29/05/2008	.00	.00	.00			\$0.00
4929	Drill out broken bolts in speed change valve bracket and remount, weld cracks in bowl sides and cross-brace between chassis rails at rear	31/05/2008	.00	.00	.00			\$0.00
4930	Replace bolt in transmission control	8/06/2008	.00	.00	.00			\$0.00
4931	500HR service and mech check	15/06/2008	.00	.00	.00	154	PM	\$0.00
4932	Inspect pos 2 slack adjuster	17/06/2008	.00	.00	.00			\$0.00
4933	Brakes, reseal trans cooler	28/06/2008	.00	.00	.00			\$0.00
4934	Hyd cap	1/07/2008	.00	.00	.00			\$0.00
4935	Brakes u/s, park brake fault - check valve - replaced.	2/07/2008	.00	.00	.00			\$0.00
4936	Roto chamber	3/07/2008	.00	.00	.00			\$0.00
4937	Tranny position switch	4/07/2008	.00	.00	.00			\$0.00
4938	Seat bottoming out, set nitrogen charge to 90psi	13/07/2008	.00	.00	.00			\$0.00
4939	Seat u/s	18/07/2008	.00	.00	.00			\$0.00
4940	Fit accumulator and cylinder to seat	19/07/2008	.00	.00	.00			\$0.00
4941	Seat u/s	22/07/2008	.00	.00	.00			\$0.00
4942	Fit new strut and bushes, still needs new control valve. Fit interface relay and cushion hitch suppressor.	24/07/2008	.00	.00	.00			\$0.00
4943	Repair seat. Repaired and adjusted seat.	25/07/2008	.00	.00	.00			\$0.00
4944	Trans loom u/s	26/07/2008	.00	.00	.00			\$0.00
4945	Trans loom u/s	27/07/2008	.00	.00	.00			\$0.00
4946	Transmission loom	28/07/2008	.00	.00	.00			\$0.00
4947	Fit cushion hitch loom	1/08/2008	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4948	Trans loom	3/08/2008	.00	.00	.00			\$0.00
4949	Harness on transmission	7/08/2008	.00	.00	.00			\$0.00
4950	Levers valve spool stuck	31/08/2008	.00	.00	.00			\$0.00
4951	Replace router and fit door/strap	2/09/2008	.00	.00	.00			\$0.00
4952	Leaking radiator cap- just loose	5/09/2008	.00	.00	.00			\$0.00
4953	Trans getting hot new temp sender	7/09/2008	.00	.00	.00			\$0.00
4954	Service mech check	8/09/2008	.00	.00	.00			\$0.00
4955	Service Mech Check	2/10/2008	.00	.00	.00			\$0.00
4956	Finish Service	3/10/2008	.00	.00	.00			\$0.00
4957	Hose gloIm steer pump to steer u/s	8/10/2008	.00	.00	.00			\$0.00
4958	Change Coolant	13/10/2008	.00	.00	.00			\$0.00
4959	Welding Repairs- Weld up Ejector cylinder and cracks in Chassis	25/10/2008	.00	.00	.00			\$0.00
4960	Re-fit ejector 2 speed valve and send to work	25/10/2008	.00	.00	.00			\$0.00
4961	Coolant Leak	31/10/2008	.00	.00	.00			\$0.00
4962	250HR service and Mech check	1/11/2008	.00	.00	.00	153	PM	\$0.00
4963	Oil leak form ejection manifold	3/11/2008	.00	.00	.00			\$0.00
4964	Inspect pos 2 bowl lift cylinder, red seals leaking very badly	7/11/2008	.00	.00	.00			\$0.00
4965	Seat not working	10/11/2008	.00	.00	.00			\$0.00
4966	Crack in ejector cyl- weld up	11/11/2008	.00	.00	.00			\$0.00
4967	Hitch hose	18/11/2008	.00	.00	.00			\$0.00
4968	Air leak in cab handpiece for retarder	21/11/2008	.00	.00	.00			\$0.00
4969	500HR service - mech check	22/11/2008	.00	.00	.00	154	PM	\$0.00
4970	Air leak in cab hand piece for retarder	27/11/2008	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4971	Broken clamps on hyd suction pipe	29/11/2008	.00	.00	.00			\$0.00
4972	Check oil leak, ejector cyl	30/11/2008	.00	.00	.00			\$0.00
4973	Seat, re-bush, replace strut, reseal hose fittings	3/12/2008	.00	.00	.00			\$0.00
4974	Remove main implement relief valve and inspect disconnected main implement hose and stuff started out- oil. Removed filters and found heaps of plastic support seals from inside pump cartridge.	8/12/2008	.00	.00	.00			\$0.00
4975	Implement pump	9/12/2008	.00	.00	.00			\$0.00
4976	Failed implement pump	10/12/2008	.00	.00	.00			\$0.00
4977	Implement pump	11/12/2008	.00	.00	.00			\$0.00
4978	Implement pump	12/12/2008	.00	.00	.00			\$0.00
4979	Repair and fit pumps	13/12/2008	.00	.00	.00			\$0.00
4980	Hyd pump	14/12/2008	.00	.00	.00			\$0.00
4981	Re-fit and Re-build pump	15/12/2008	.00	.00	.00			\$0.00
4982	Fitter all pipes and lines	15/12/2008	.00	.00	.00			\$0.00
4983	Replaced bowl lever knob and switch	19/12/2008	.00	.00	.00			\$0.00
4984	R&R ejector rollers. Rebrushed top rollers and replaced pin and roller pos 2 vert. Replaced bearings and seats. Readjusted.	28/12/2008	.00	.00	.00			\$0.00
4985	Fitted exhaust tube and repaired brake/ tail lights	2/01/2009	.00	.00	.00			\$0.00
4986	250HR Service and mech check.	7/01/2009	.00	.00	.00	153	PM	\$0.00
4987	-tighten loose brake booster fitting. -replace quick release valve in rear brake circuit -replaced leak at L/Hitch pump	7/01/2009	.00	.00	.00			\$0.00
4988	Cushion hitch pump failed	14/01/2009	.00	.00	.00			\$0.00
4989	Cushion hitch pump leaking	30/01/2009	.00	.00	.00			\$0.00
4990	Cushion hitch solenoid wiring	4/02/2009	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
4991	Fit new cushion hitch pump case drain screen and adjust ejector rollers	7/02/2009	.00	.00	.00			\$0.00
4992	Starter relay	11/02/2009	.00	.00	.00			\$0.00
4993	Fit starter relay	12/02/2009	.00	.00	.00			\$0.00
4994	2000HR Service Mech Check,	15/02/2009	.00	.00	.00	156	PM	\$0.00
4995	Adjust valve clearances	16/02/2009	.00	.00	.00			\$0.00
4996	Mech Check	23/02/2009	.00	.00	.00			\$0.00
4997	Cushion hitch valve- Done	25/02/2009	.00	.00	.00			\$0.00
4998	Apron trunnions	3/03/2009	.00	.00	.00			\$0.00
4999	Replaces apron trunnions + caps drilled out broken bolts on belly plate hinges + replaced hinges	4/03/2009	.00	.00	.00			\$0.00
5000	Rear cushion hitch accumulator u/s	13/03/2009	.00	.00	.00			\$0.00
5001	Fitted new mudguard support bracket	21/03/2009	.00	.00	.00			\$0.00
5002	250Service mech check found brakes cage+ metal on mag	25/03/2009	.00	.00	.00	153	PM	\$0.00
5003	Diff failure - remove axes and drained oil. Removed and found heaps of bearing material in LH final drive	26/03/2009	.00	.00	.00			\$0.00
5004	Remover cylinders- refitted final drive	28/03/2009	.00	.00	.00			\$0.00
5005	Fitted Diff and Trans	30/03/2009	.00	.00	.00			\$0.00
5006	Fitted Gears to axel shafts, filled final drives and fitted covers, tightened mounting bolts in steer pump and fitted belly guard, filled diff with oil	31/03/2009	.00	.00	.00			\$0.00
5007	Re-sealed cylinders	2/04/2009	.00	.00	.00			\$0.00
5008	Fit Cylinders and ejector roller strips done	2/04/2009	.00	.00	.00			\$0.00
5009	Supp-pump mounting plate	3/04/2009	.00	.00	.00			\$0.00
5010	Replaced carrier rollers (rear) brushes + pins adjusted and shinned	4/04/2009	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
5011	Pos 1 duo leaking	9/04/2009	.00	.00	.00			\$0.00
5012	Pos 1 wheel seal, jack machine, remove final drive, remove wheel, clean parts	9/04/2009	.00	.00	.00			\$0.00
5013	Installed duo's Wheel seal + BRG + cushion hitch hose	10/04/2009	.00	.00	.00			\$0.00
5014	Wheel seal/bearing	11/04/2009	.00	.00	.00			\$0.00
5015	Pos 1 wheel bearing + seal	14/04/2009	.00	.00	.00			\$0.00
5016	Fit pos 1 wheel, carry out wheel bearing adjustment, fit planetary axle & cover, fill oils & check other oils, adjust brakes	15/04/2009	.00	.00	.00			\$0.00
5017	Install outer whl bra + duo cone seals, install wheel ass on to axle + set pre-load for Whl BRG install f/drive etc Fill pos 1 f/drive adjust pos1 brake install dash and punt	15/04/2009	.00	.00	.00			\$0.00
5018	Removed pos 4 mudguard - damaged by dozer	16/04/2009	.00	.00	.00			\$0.00
5019	Seat height control valve leaking	17/04/2009	.00	.00	.00			\$0.00
5020	Refit pos 4 mudguard + repairs to pos3	17/04/2009	.00	.00	.00			\$0.00
5021	Radar- pos 3 mudguard	18/04/2009	.00	.00	.00			\$0.00
5022	Check and repair exhaust leak, adjust bowl lever, pos 4 slack adj.	19/04/2009	.00	.00	.00			\$0.00
5023	Sup steering removed	6/05/2009	.00	.00	.00			\$0.00
5024	Removed steer pump and pipes	6/05/2009	.00	.00	.00			\$0.00
5025	Supp, steering pump rebuild + re seal compressor mount and routers	7/05/2009	.00	.00	.00			\$0.00
5026	Fit thread and insert to sup steering pump and fit.	7/05/2009	.00	.00	.00			\$0.00
5027	500HR service and mech check	11/05/2009	.00	.00	.00	154	PM	\$0.00
5028	Resealed transmission filter housing	12/05/2009	.00	.00	.00			\$0.00
5029	Inspected push pad for damage after hit with #6062 blade- ok	13/05/2009	.00	.00	.00			\$0.00
5030	Crack in pos 1 bowl- side.	18/05/2009	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
5031	Compressor mount gaskets and o rings	19/05/2009	.00	.00	.00			\$0.00
5032	Rock damage pos 3 mud guard	26/05/2009	.00	.00	.00			\$0.00
5033	Removed bonner and muffler removed brackets drained coolant ready to remove air compressor	27/05/2009	.00	.00	.00			\$0.00
5034	Compressor re-sealed has excessive end float crane shaft order exchange unit for next time - refitted compressor remove and inspect exhaust manifold system order parts	28/05/2009	.00	.00	.00			\$0.00
5035	Fit air dryer/ exhaust manifold repairs/ oil leak under belly guard / backlogs	28/05/2009	.00	.00	.00			\$0.00
5036	Fit exhaust parts + repair a/c	30/05/2009	.00	.00	.00			\$0.00
5037	Fit muffler brackages + muffler + bonnet + and stack fit receiver dryer + charge A/C + missing bolt comp mount	1/06/2009	.00	.00	.00			\$0.00
5038	Weld crank front LH cover of bowl. Supp steer pump reseal and c/o diff oil	4/06/2009	.00	.00	.00			\$0.00
5039	Seat u/s re bushed	12/06/2009	.00	.00	.00			\$0.00
5040	Service + Mech check.. Replaced all bearings in bowl leavers and replaced rose joints also. Replace bowl leaver boot	15/06/2009	.00	.00	.00			\$0.00
5041	NO DRIVE- changed filters and dropped oil (burnt oil + screens full of nylon) still no drive. Towed to workshop for removal	17/06/2009	.00	.00	.00			\$0.00
5042	Tran U/S	17/06/2009	.00	.00	.00			\$0.00
5043	Trans and radiator- removed ret. Screen broken + laying in the bottom drained all oils + removed suc pump	18/06/2009	.00	.00	.00			\$0.00
5044	Trans + retarder- removed retarder found all nylon dampner blocks missing	18/06/2009	.00	.00	.00			\$0.00
5045	Trans + retarder removed trans + diff	19/06/2009	.00	.00	.00			\$0.00
5046	Trans + retarder	21/06/2009	.00	.00	.00			\$0.00
5047	Re-fit diff and trans, mounted diff to trans. Swapped over loom , sensors, brackets, belly guard, mounting etc.	22/06/2009	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
5048	Fit diff/trans & oil cooler - fitted cooler. Cleaned out trans & diff recover flushed out cooler pipes. Polished up metal falls in housing has big gauses inside, may need gluing. Tried lifting trans in with crane truck but is to bulky to manouvre	23/06/2009	.00	.00	.00			\$0.00
5049	Transmission, re-seal retarder, fit new drive coupling to flywheel, remove trans oil cooler	23/06/2009	.00	.00	.00			\$0.00
5050	Fit trans/diff retarder etc	24/06/2009	.00	.00	.00			\$0.00
5051	Trans +retarder - make new cushion hitch hose and fit. Fit cushion hitch pump (new) fill coolant, fit trans belly guard, fit axles, fit air filter, indicator fit, fit suction pipe cover. Washed old tranny + loaded on frame (fitted pump)	25/06/2009	.00	.00	.00			\$0.00
5052	Transmission - c/o c/hitch pump mounting plate. Set up pre load.	25/06/2009	.00	.00	.00			\$0.00
5053	Fit retarder	26/06/2009	.00	.00	.00			\$0.00
5054	Retarder install	27/06/2009	.00	.00	.00			\$0.00
5055	Weld up cracks in X-Bracing. Fit all parts to retarder, all pumps and plumbing.	28/06/2009	.00	.00	.00			\$0.00
5056	Fit transmission + check other levels + start up. Check for leaks + top up F drives. Fit pos 2 brake booster hose relay with new fitting + pick up T-case lube hose. From chadwicks + fit , fit bonnet, stack + Belly guards + c/hitch	29/06/2009	.00	.00	.00			\$0.00
5057	T/case very noisy	1/07/2009	.00	.00	.00			\$0.00
5058	T/case very noisy, took out trans filter, full of metal, brought to shop, removed steering pump and changed out removed hitch adaptor plate and inspected gears, all seems good, trans needs to come out, wash transmission and prepare for removal	2/07/2009	.00	.00	.00			\$0.00
5059	Trans failure	3/07/2009	.00	.00	.00			\$0.00
5060	Removed transmission and swapped over any parts needed	4/07/2009	.00	.00	.00			\$0.00
5061	Disassemble & inspect transmission, trans u/s, fir diff to trans & fit to machine, fit axles & covers, c/ hitch pump, gear drive	7/07/2009	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
	not compatible with d/shaft, fit wiring looms, fit supp pump, tighten moving bolts, plumb piping, fit tranny guard							
5062	Dismantle transmission	8/07/2009	.00	.00	.00			\$0.00
5063	C/hitch pump drive gear uncompatible & fill diff & f/drives, fit cushion hitch hose, make it ready for a test run tomorrow, did stuff - dud tranny, carried out pressure tests, suspect one way clutch in torque converter	8/07/2009	.00	.00	.00			\$0.00
5064	Assemble transmission	9/07/2009	.00	.00	.00			\$0.00
5065	Fit reworked trans & test	12/07/2009	.00	.00	.00			\$0.00
5066	Assemble transmission	14/07/2009	.00	.00	.00			\$0.00
5067	Trans oil leak from retarder valve area, re-sealed cooler lines & tested, still bleeding. Appears to be coming from retarder valve mounting o-rings. Remove control valve, removed retarder valve, found one mounting o-ring split, no stock	20/07/2009	.00	.00	.00			\$0.00
5068	Fit retarder cooler lines etc, finish off & punt, fit E.T & check for any logged trans faults	21/07/2009	.00	.00	.00			\$0.00
5069	Top pin in banana arm broken, top pin & bush in apron cyl u/s, also due for 1000HR service & mech check. Top pin falling out of apron cylinder, removed pin and found bush in cylinder eye smashed, ordered parts	6/08/2009	.00	.00	.00	155	PM	\$0.00
5070	Fit top bush & pin to apron cylinder and finish service & mech check, fitted bush to cylinder & finished Service	8/08/2009	.00	.00	.00			\$0.00
5071	Re-fit apron cylinder to banana arm	9/08/2009	.00	.00	.00			\$0.00
5072	Cushion hitch accumulators, mech check	10/08/2009	.00	.00	.00			\$0.00
5073	Accumulators	11/08/2009	.00	.00	.00			\$0.00
5074	Trans oil leaking from breather	12/08/2009	.00	.00	.00			\$0.00
5075	Fit new trans temp gauge, re-seal steer screen	13/08/2009	.00	.00	.00			\$0.00
5076	C/o pos 1 steer cylinder, c/o apron link pins & BRGs	16/08/2009	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
5077	Draft arm & gooseneck inspection	24/08/2009	.00	.00	.00			\$0.00
5078	Welded up top pin in banana arm	26/08/2009	.00	.00	.00			\$0.00
5079	Cushion hitch check valve	27/08/2009	.00	.00	.00			\$0.00
5080	Pos 1 inner guard dangling in the breeze, washed, waited for it	1/09/2009	.00	.00	.00			\$0.00
5081	William Adams- Remove upper and lower vertical pins and steer linkages. Remove all horizontal and vertical bushes, measure up bores. Line bore. Install bushes. Refit cushion hitch and install new pins,. Refit prime mover and trailer to reassemble.	1/09/2009	.00	.00	.00			\$0.00
5082	SPLIT MACHINE AND REPLACE VERTICAL & HORIZONTAL BEARINGS & PINS	21/09/2009	.00	.00	.00			\$0.00
5083	WASH MACHINE BEFORE AND AFTER AS REQUIRED.	21/09/2009	.00	.00	.00			\$0.00
5084	SET UP MACHINE IN WORK SHOP AND PACK UP	21/09/2009	.00	.00	.00			\$0.00
5085	Training supervision for Edward Hiam	21/09/2009	.00	.00	.00			\$0.00
5086	Supply and fit cracked air filter indicator.	21/09/2009	.00	.00	.00			\$0.00
5087	Replace and test faulty reverse buzzer.	21/09/2009	.00	.00	.00			\$0.00
5088	Remove and replace hose gaurds on scraper.	21/09/2009	.00	.00	.00			\$0.00
5089	Repair broken and missing bolts on rear tail cover.	21/09/2009	.00	.00	.00			\$0.00
5090	Repair cab padding and panels.	21/09/2009	.00	.00	.00			\$0.00
5091	Replace worn hoses in hitch area.	21/09/2009	.00	.00	.00			\$0.00
5092	Replir and replace required belly gaurd covers. Also replace draw bar tow pin.	21/09/2009	.00	.00	.00			\$0.00
5093	At Deans request remove apron arm cylinder mount bracket so it could be shipped to Douglas for another machine. Dean to order new bracket and ship back to us once it arrives.	21/09/2009	.00	.00	.00			\$0.00
5094	Slow & intermittent Hyds, tested performance, filter cut. Ok. Test circle times & pressures - main relief @ 1960psi high idle	29/09/2009	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
	not achieving more then 340psi in apron & bowl down & ejector back, sprung a leak during testing ,							
5095	Re-sample coolant as per SOS lab request	2/10/2009	.00	.00	.00			\$0.00
5096	Remove and install hyd links guard	7/10/2009	.00	.00	.00			\$0.00
5097	Remove and install air filter indicator. Replace reversing alarm unit.	7/10/2009	.00	.00	.00			\$0.00
5098	Apron pin u/s	10/10/2009	.00	.00	.00			\$0.00
5099	250HR service and mech check	12/10/2009	.00	.00	.00	153	PM	\$0.00
5100	Weld cracked apron pin	12/10/2009	.00	.00	.00			\$0.00
5101	Broken pos 1 apron trunnion snapped	19/10/2009	.00	.00	.00			\$0.00
5102	Straighten apron and refit + weld up cracks in apron trunnion and bowlside- done.	21/10/2009	.00	.00	.00			\$0.00
5103	Drain and flush cooling system.	25/10/2009	.00	.00	.00			\$0.00
5104	Banna arm pivot pin retainer cracked through again and pin started walking out patched up again - new pin and re-shimming	26/10/2009	.00	.00	.00			\$0.00
5105	Fit new banana arm pivot pin	4/11/2009	.00	.00	.00			\$0.00
5106	500HR service	6/11/2009	.00	.00	.00	154	PM	\$0.00
5107	Mech check	7/11/2009	.00	.00	.00			\$0.00
5108	Replace a/c compressor	13/11/2009	.00	.00	.00			\$0.00
5109	Replace Tv valve	15/11/2009	.00	.00	.00			\$0.00
5110	Replaced pos 2 lift ram bearing	26/11/2009	.00	.00	.00			\$0.00
5111	Transmission not upshifting- hooked up ET codes fro slow response. Clear actuator and voltage fratic for upshift solenoid. Found solenoid, modified and fitted test drove- ok	26/11/2009	.00	.00	.00			\$0.00
5112	Cushion hitch shutting down tested and found broken wire repaired harness + sent to work	1/12/2009	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
5113	Lift cylinder rod c/o	2/12/2009	.00	.00	.00			\$0.00
5114	Replace pos 1 bowl lift cylinder rod + had assy	5/12/2009	.00	.00	.00			\$0.00
5115	Mechanical check	6/12/2009	.00	.00	.00			\$0.00
5116	Removed Pos 1 bowl cylinder and changed out rod head assembly - refitted	7/12/2009	.00	.00	.00			\$0.00
5117	Low power- c/o fuel filters and inspect, all ok, checked actuation pressures and all injectors, cut out test checked boost pressure, stall speeds and fuel lines and taps	14/12/2009	.00	.00	.00			\$0.00
5118	Replace accelerator pedal	15/12/2009	.00	.00	.00			\$0.00
5119	Tighten loose implement valve mounting bolts	23/12/2009	.00	.00	.00			\$0.00
5120	Inspect injector fouling on rear of bowl support. Rollers required rebuilding and shimming, carrier roller we'ar strips require replacement	29/12/2009	.00	.00	.00			\$0.00
5121	Replaced floor roller strips	30/12/2009	.00	.00	.00			\$0.00
5122	Reseal Hitch levelling valve/wash hitch area	15/11/2010	.00	.00	.00			\$0.00
5123	250HR Service and mech check	15/12/2010	.00	.00	.00	153	PM	\$0.00
5124	Repair damaged front step	19/01/2011	.00	.00	.00			\$0.00
5125	Wash down hitch / trans // inspect aprin // bent arms not grabbing but wearing L/H side bowl	25/02/2011	.00	.00	.00			\$0.00
5126	Start service // man grease // waiting reco auto greaser	3/03/2011	.00	.00	.00			\$0.00
5127	Fit new Hayden 500 auto grease pump out from 250	25/03/2011	.00	.00	.00			\$0.00
5128	Pres test steering // order pump	11/04/2011	.00	.00	.00			\$0.00
5129	Clean down / drain hydraulics / get ready to o/h steer pump	15/04/2011	.00	.00	.00			\$0.00
5130	Remove and rebuild steer pump.	15/04/2011	.00	.00	.00			\$0.00
5131	Check PI wheel seal failure // order parts 4 tomorrow	5/05/2011	.00	.00	.00			\$0.00
5132	R & R PI wheel / strip and clean, fit new bearing cups.	6/05/2011	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
5133	Secure and tidy up /// waiting parts (B/shoes)	7/05/2011	.00	.00	.00			\$0.00
5134	Re seal hyd control valve // saiting on housing, fit new or brake shoes // new wheel bearings.	10/05/2011	.00	.00	.00			\$0.00
5135	Steer pump rubbed through, replaced hose and elbow in sup steer pump, repaired cracks in bowl side wear strip	5/01/2010	.00	.00	.00			\$0.00
5136	Finish valve lash, air dryer and mech check	6/01/2010	.00	.00	.00			\$0.00
5137	Remove broken bolts/air comp mount/replace belts	8/09/2010	.00	.00	.00			\$0.00
5138	Remove apron and bottom dog bone pins	18/01/2010	.00	.00	.00			\$0.00
5139	rmve & Rplce diff.	10/08/1999	.00	.00	.00			\$0.00
5140	rmve & Rplce diff.	20/01/2000	.00	.00	.00			\$0.00
5141	Adjust brakes front & rear.	19/08/2000	.00	.00	.00			\$0.00
5142	Stinger- replace	26/07/2008	.00	.00	.00			\$0.00
5143	Change ejector cylinder and looters	30/11/2008	.00	.00	.00			\$0.00
5144	Transmission running hot	17/02/2009	.00	.00	.00			\$0.00
33998	Repair oil leak. Drive shaft tube seal leaking. Belly guard was dropped Transfer box rmved & a new seal was installed on tube. Transfer box face seals were Rplced too. Machine was tested & did not leak Speed sensor plug was corroded & was Rplced.	4/07/2000	.00	.00	.00			\$0.00
34083	Trans shifting fault. Check pump pressure. Checked pilot pressure. Max #2 dutch pressure low. Test primary pressure #2 - low. rmve icm station & inspect. Add shims to bring primary pressure up to spec. check dutch pressure again, had increased but still not on spec. Ordered new springs for icm station #2.	4/09/2002	.00	.00	.00			\$0.00
34101	Test/check & adjust Trans. Scraper Trans was brought to the component rebuild center after being overhauled at Abigroup. The 651E Trans was fitted to the Westrac Hyd test bench following the recommended Caterpillar procedure. Load	17/02/2006	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
34152	machine onto float. Tighten any loose bolts in cab. rmve apron arm pin for transport. High metal in trans filter. IT0876 & IT0766 bearing picked up & seized together spinning bearing in bore of IT1422 carrier. Damage to hub & carrier - metal contamination thru Trans & torque convertor - stator damaged. rmve Trans & transfer gears & inspect & reseal Trans Rplce hub, carrier & stator & Rplce torque convertor - refit & test.	16/10/2000	.00	.00	.00			\$0.00
34175	Trans speed sensor fault - rmve cover from rear of trans & inspect chopper wheel & shaft & sensor clearance = all OK - check entire Trans loom for any sign of rubbed through wiring - check resistance on all three wires to sensor, unplug all plugs & clean - run boong wire for supply & signal - still no good. Fit sensor from 7044 - OK. Fit new speed sensor	15/07/2009	.00	.00	.00			\$0.00
34227	Metal found in filter. Inspect Eng. Air compressor had broken crankshaft & drive gear had been damaged previously. Part of compressor drive gear teeth were wor off & matched metal in filter & sump. New gear was installed on compressor. Sump & rear section of Eng around gears cleaned. No. 3 & 9 big end bearings checked for wear bearings okay for hour's. reassembled all components to caterpillar specs.	5/12/2000	.00	.00	.00			\$0.00
34320	The 651E Trans BJR00779 was received at the Mt Thorley branch for testing & adjusting, unit was fitted with the appropriate connections & adaptors before being installed into a Caterpillar test bench & run according to the latest specifications. Once all pressures were within specification the test was saved & printed, Trans was then rmved from the test bench, cleaned, sealed & prepared for dispatch back to the customer on the supplied shipping st&. Note: Stack bolt was missing washer & found threads were damaged not allowing bolt to torque up	24/07/2009	.00	.00	.00			\$0.00
34393	Test/check & adjust transmission. Test and adjust transmission to the latest Caterpillar specifications, please return to the customer once completed. The transmission was	24/07/2009	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
	received at the Mount Thorley branch for testing and adjusting. Unit was fitted with the appropriate test connections and adaptors before being installed onto a Caterpillar test bench. Unit was run according to the latest Caterpillar test procedure, during testing it was found that the unit was unable to shift up or down via the computer. Operations were checked manually with shifts found to be working. Electrical system diagnostics were carried out to find fault. Repairs to the shift card harness were required due to a damaged wire within the harness. Once this was complete the transmission was run up and tested according to the latest test procedure, during testing the appropriate adjustments were carried out, once all pressures and flows were within Caterpillar specifications the results were saved and printed, transmission was then removed from the bench, cleaned, drained and sealed before being returned to the customer as requested.							
34407	trans not upshifting, downshifting erratically etc, connected ET found speed sensor signal erratic, intermittent, incorrect fault had occurred 7 times in last 13 , rmved & cleaned sensor, put back to work, fault re-occurred after 2 loads, tagged it	14/07/2009	.00	.00	.00			\$0.00
34472	REMOVE STEER PUMP RE-SEAL AND REPLACE	23/05/2011	.00	.00	.00			\$0.00
35055	FINISH OFF STEER PUMP RE FIT / CLEAN & CHECK	24/05/2011	.00	.00	.00			\$0.00
35073	SERVICE	3/06/2011	.00	.00	.00			\$0.00
35312	remove steer pump re seal & replace	23/05/2011	.00	.00	.00			\$0.00
35318	SERVICE	6/04/2011	.00	.00	.00		PM	\$0.00
35338	RE SEAL HYD CONTROL VALVE // WAITING ON HOUSING FIT NEW OR BRAKE SHOES // NEW WHEEL BEARINGS	5/10/2011	.00	.00	.00			\$0.00
35360	DROP BELLY GUARD / CHECK OIL LEAK / ORDER PARTS	20/05/2011	.00	.00	.00			\$0.00
36371	BLOWN EJECTOR HOSE ON CYLINDER REPLACE TO RUN	10/11/2011	.00	.00	.00		Break	\$0.00
40741	REPLACE EJECTOR HOSE OVER DRAFT TUBE 2HRS DOWN	1/05/2012	.00	.00	.00			\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
41675	Aircon U/S.	11/08/2014	.00	.00	.00			\$0.00
41739	250HR SERVICE AND MECH CHECK COMPLETE	12/05/2012	.00	.00	.00			\$0.00
42663	Aircon U/S,	7/05/2012	.00	.00	.00			\$0.00
43377	REPLACE POS 2 TYRE AS SPLIT AND LEAKING REPLACE WITH SIMILAR SPARE	3/07/2012	.00	.00	.00			\$0.00
43380	REPLACE BLOWN BOWL LIFT HOSE	5/07/2012	.00	.00	.00			\$0.00
43959	REMOVE AND REPLACE STEERING PUMP WITH REMAN UNIT	22/08/2012	.00	.00	.00			\$0.00
44254	651E 4YR 2000HR SERVICE AND MECHANICAL CHECK	27/08/2012	.00	.00	.00	156	PM	\$0.00
47571	FIT NEW STEERING HMU AND BOTTOM STEERING COLUMN AS SPLINES STRIPPED OUT OF BOTH 12HRSDOWN	17/10/2012	.00	.00	.00		Break	\$0.00
47946	651E 4YR 250HR SERVICE AND MECHANICAL CHECK	1/11/2012	.00	.00	.00	153	PM	\$0.00
66598	Remove and rebuild scraper control lever assembly and refit.	10/09/2013	.00	.00	.00			\$0.00
66649	Rebuild seat base with roller kit and new seat belt.	19/09/2013	.00	.00	.00			\$0.00
66655	Drill out and replace belly guard hinges and bolts.	23/09/2013	.00	.00	.00			\$0.00
66667	Fit new rear tail and blinker lights.	26/09/2013	.00	.00	.00			\$0.00
70092	PI3320 New Software To Be Installed	14/07/2000	.00	.00	.00		OEM Recal	\$0.00
70093	PS5463 Block To Housing Leak	12/07/1999	.00	.00	.00		OEM Recal	\$0.00
70094	PS5638 Radiator Side Assemblies	15/08/1999	.00	.00	.00		OEM Recal	\$0.00
70095	PS5640 Doo In Hood Cracks	15/08/1999	.00	.00	.00		OEM Recal	\$0.00
86843	Repairs as per list.Refer to documents.	30/09/2019	.00	.00	.00		Planned	\$0.00
87106	Replace Cushion hitch. Reseal hitch accumulators. Reseal load cylinder. Reseal hydraulic control valve. Service fire suppression system. Replace fire extinguishers. Paint Scraper. Supply and fit unit number decals. Top up oil levels.	15/01/2020	.00	.00	.00		Planned	\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
87341		19/02/2020	.00	.00	.00		Break	\$0.00
88361	Replace blown pos 4 tyre. Large centre tread blow out. (Scrapped) See attached report	8/05/2020	.00	.00	.00		Break	\$0.00
88602	651E 4YR 500HR SERVICE AND MECHANICAL CHECK. 18491hrs 27/6/2020 WSA	27/06/2020	.00	.00	.00	154	PM	\$0.00
88783	Changeout Diff with rebuilt spare from Mtk. Diff lock bypassing air, no other failure. Reseal all pump mount orings and associated piping and hosing. Replace trans filter hose. While installing hitch pump found shaft and drive adapter spline almost rounded off. Replace pump with Reman and adapter drive with new.	15/06/2020	.00	.00	.00		Break	\$0.00
88958	Replace failed cushion hitch pump with new 1024226 pump gp (Reman unavailable)	4/08/2020	.00	.00	.00		Correct	\$0.00
89073	651E 4YR 250HR SERVICE AND MECHANICAL CHECK 18753hrs WSA	28/08/2020	.00	.00	.00	153	PM	\$0.00
89404	Fit new GME AM/FM radio unit	28/08/2020	.00	.00	.00		Correct	\$0.00
89413	Replace leaking 5T2183 hitch hose	28/08/2020	.00	.00	.00		Correct	\$0.00
89531	651E 4YR 1000HR SERVICE AND MECHANICAL CHECK 18973HRS WSA	23/10/2020	.00	.00	.00	155	PM	\$0.00
89552	Replace cracking fuel lines over hitch. Replace faulty front Estop.	21/09/2020	.00	.00	.00		Correct	\$0.00
89635	Remove and Replace leaking apron cylinder with rebuilt spare from MtK. Replace cracking fuel hoses over hitch.	30/09/2020	.00	.00	.00		Correct	\$0.00
89741	Replace blown POS 4 tyre with runout	16/10/2020	.00	.00	.00		Correct	\$0.00
90284		22/01/2021	.00	.00	.00	153	PM	\$0.00
90330	Changeout faulty hitch pump with reman	11/01/2021	.00	.00	.00		Correct	\$0.00
90410	Blown main implement hose 6G5101.	20/01/2021	.00	.00	.00		Correct	\$0.00
90552	Replace faulty oil pressure switch in hitch circuit	10/02/2021	.00	.00	.00		Correct	\$0.00
90625	No start, remove clean and tighten loose starter cable terminals	1/02/2021	.00	.00	.00		Correct	\$0.00

W/O No	Description	Complete	Down time	Repair time	Dur.	P/M	Job Type	Cost
91000	Replace engine bay door latch with new	29/04/2021	.00	.00	.00		Correct	\$0.00
91070	Replace damaged access steps (site bought)	17/04/2021	.00	.00	.00		Correct	\$0.00
91274	651E 4YR 500HR SERVICE AND MECHANICAL CHECK 19479HRS WSA	17/04/2021	.00	.00	.00	154	PM	\$0.00
91627	Replace 2 x cab fan motors with new	31/05/2021	.00	.00	.00		Correct	\$0.00
91885	Replace failed fan motor	12/07/2021	.00	.00	.00		Correct	\$0.00
91922	Replace blown apron cylinder hose inside torque tube	16/07/2021	.00	.00	.00		Correct	\$0.00
92042	651E 4YR 250HR SERVICE AND MECHANICAL CHECK 19840HRS WSA	3/09/2021	.00	.00	.00	153	PM	\$0.00
92209	Scraper pushed into large hole, cab rolled on side pushing dirt through bottom door. Remove bent door and smashed window. Panel beat door, Replace bottom window. Refit and adjust door.	9/09/2021	.00	.00	.00		Correct	\$0.00
92667	Oil leak, Tighten loose supp steer hose	19/10/2021	.00	.00	.00		Correct	\$0.00
713		Total	.00	0.00				\$0.00