

PROGRAM START DATE: **STEELBRO SERVICE PROGRAM**

SERIAL No;.....

No	SERVICE ITEM	SERVICE INTERVAL			NOTES
		MONTHS			
		HOURS	50		

	ENGINE				
E2	Check / Change engine oil		R		
E3	Cleaning / Replace of air cleaner element		C		
E4	Cleaning / Replace fuel filter				
E5	Check battery electrolyte level		I		
E6	Check / Replace radiators hoses and clamp bands				
E7	Replace oil filter cartridge		R		
E8	Check / Replace intake air line				
E9	Clean sediment out of fuel tank				
E10	Check / Replace fuel line		I		
E11	Check / Change radiator coolant		I		
E12	Check / Replace fan belt		I		
E13	Check valve clearance				
E14	Check fuel injection nozzle injection pressure				
E15	Check injection pump				
E16	Replace battery				
E17	Check / Replace fuel pipes and clamp bands		I		
E18	Check exhaust and manifold bolts for security		T		
E19	Check engine throttle / stop		T		
E20	Check engine speed is set correctly				
E21	Check stop system is functions correctly		I		
E22	Check all engine mounting bolts		T		
	HYDRAULIC SYSTEM				
H1	Change high pressure filter		R		
H2	Change hydraulic return filter		R		
H3	Check / Change hydraulic oil		I		
H4	Clean / Change hydraulic breather cap filter				
H5	Check hydraulic hose and tube fittings		T		
H6	Check all tube clamps are secure		T		
H7	Check / Record system pressures (Adjust if required)		Ik		
H8	Check cylinder valves for leaks or replace O rings		I		
H9	Check / Replace overcenter check valve cap screws		T		
H10	Check Danfoss valves for oil leaks		I		
H11					
H12	Check overcenter cartridge lock nuts are tight		T		
H13	Record high speed times of top and bottom arms				
H14	Check hydraulic motors for leaks		I		
H15	Check for any damaged hydraulic tubes (Replace as require		I		
H16	Check all hoses for wear or damage		I		
H17	Check cylinder case or rod for any damage or leaks		I		
H18	Check PTO mounting bolts and prop shaft		T		
H19	Check PTO mountings and couplings		I / C		
H20	Check pump drive coupling (Power pack)		I		

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	STRUCTURE					
S1	Check G pins for wear and movement		Id			
S2	Check all bushes for wear		I			
S3	Check all pin keepers		T			
S4	Check all crane base bash plates for damage		I			
S5	Check / Strengthen off side bash plate		I			
S6	Check all arm / legs and crane bases for cracks		I			
S7	Clean chassis top flange surface		C			
S8	Check load transfer clearance and torque bolts		T			
S9	Check all hose guide systems for damage and location		I			
S10	Check twistlocks		I			
S11	Check hammer locks and lifting lugs		I			
S12	Check all crane base lock position on chassis for damage o		I			
S13	Check center beam slides for foot clearance		I			
S14	Check center beam slide stops		I			
S15	Check center beam slide chains and eye bolts		I			
S16	Check crane base guide angles for bends and cracks		I			
S17	Check nylon track aluminum is torque to chassis		T			
S18	Check nylon track is tight / and not damaged		T			
S19	Check linklocks for damage or wear		I			
S20	Check chassis for cracks and distortion		I			
S21	Check king pin and rub plate		I			
S22	Grease crane base locks		G			
S23	Grease arms		Gi			
S24	Grease T/B locks		G			
S25	Grease landing legs		G			
	SYSTEM TESTS AND ADJUSTMENTS					
A1	Check leg angle system		I			
A2	Check crane base locking system		I			
A3	Check timing and synchronization		lim			
A4	Check radio remote settings					
A5	Check ignition stop for radio remote		I			
A6	Check safety system functions		I			
A7	Check optical sensor		I			
A8	Check system pressures		lo			
A9	Check E stops		I			
A10	Check rack and pinion adjustments		Te			
A11	Check side guide clearance		I			
A12	Check load transfer clearance and wear pads		I			
A13	Check PVG 32 neutral points for coils		lh			
A14	Check Sidelifter night light system		I			
A15	Check control cabinet gauges and lighting is working correc		I			
A16	Check all warning beepers		I			
A17	Check manual override system		I			
A18	Check steer axle system		I			
A19	Check lift axle system		I			
A20	Check lifting chains to be tested		I			
A21	Check T/B lock system		I			

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	ELECTRICAL SYSTEM				
EL1	Check case of remote box		I		
EL2	Check remote box leads and wire enters		I		
EL3	Check radio remote receiver for damage		I		
EL4	Check cables / plugs and Arial connections for radio remote		I		
EL5	Check battery connection		T		
EL6	Check all relays and EHF's are fitting		I		
EL7	Check all terminal screws are tight		T		
EL8	Check all wiring terminations /plugs and connectors are secure and free of corrosion				
EL9	Check drain holes in junction boxes are clear of obstruction				
EL10	Check all junction boxes for seals and general condition		I		
EL11	Check all cable entrees		I		
EL12	Check all junction boxes are secure		I		
EL13	Check all cable for damage		I		
EL14	Check conduit for damage		I		
EL15	Check wiring is adequately secured		I		
EL16	Check fusible link on engine				
EL17	Check engine wiring for termination and condition		I		
EL18	Check engine earth wires to chassis				
	ABS SYSTEM CHECKS				
ABS1	Check brake chambers		I		
ABS2	Clean / Replace line filters		Cc		
ABS3	Check trailer air couplings		IC		
ABS4	Check test point are sealing correctly				
ABS5	Drain air tanks / clean drain plug		C		
ABS6	Check air tank mountings		T		
ABS7	Clean / Replace relay emergency valve filters in ports				
ABS8	Check all ABS wires are secure away from moving parts		I		
ABS9	Check all nylon air lines for damage		I		
ABS10	Check all brake hose for wear and tear		I		
ABS11	Check all hose clamps on brake hose		I		
ABS12	Check auto slacks for damage and all pins are located		I		
ABS13	Test for air leaks		I		
ABS14	System test				