

9. Failure, Cause and Remedy

Failure	Possible Cause	Remedy
Engine	-	See special operating instructions for engine
Shovel arm can't be lifted resp. lowered	Ball cock at limber is closed	Open ball cock
	Pressure relief valve in the control valve is open	Screw out, clean and re-adjust pressure relief valve (200 - 10 bar)
Increased steering force necessary	Pressure relief valve in servo steering valve is open	Screw out, clean and re-adjust pressure relief valve (170 - 10 bar)
	Sliding valve in priority valve jams	Change priority valve
No steering possibility	Locking bar is in position	Remove locking bar
Failures in drive and working hydraulic	Obstruction of filter	Change filter inserts
	Oil deficiency in hydraulic reservoir	Refill
	Electric connections at the axial piston pump or axial piston motor are not tightened or totally disconnected	Connect the nach connections acc. to electric wiring diagram
	Blown electric fuses	Change fuses
Failures at brake system	Parking brake does not hold the loader	Check adjustment and re-adjust or change brake liners whatever is necessary
	Service brake works irregularly	Check inch cartridge in the axial piston pump; check cords and function of brake cylinder

Failure	Possible Cause	Remedy
Generator does not charge	Electric connections are loose	Tighten connections
	V-belt torn	Change V-belt
	Generator speed too low	Check tension of V-belt and re-adjust it if necessary
Additional heater break-down	Fuse in fuse box or in heating unit defective	Change fuse
	Control device switches off	Set rotary switch into position "0" and repeat starting procedure
Hose couplings of attachments cannot be connected	Increased pressure due to heat influence to the attachment	Loose carefully screwed connection at the rapid action hose coupling, oil sprays off, the increased pressure breaks down. Tighten screwed connection. <u>NOTE!</u> Collect the oil
	Increased pressure in the basic unit	Make lines unpressurized by moving the control valve lever back and forth.
Working movements with backhoe impossible	Ball cock in the high pressure passing-over-line is opened	Close ball cock (above the mudguard)
	Pressure relief valve in pilot valve is open	Screw out, clean and re-adjust pressure relief valve
	Outrigger cannot be slewed	Safety bolt for road travelling has to be removed.