

9 Malfunctions, causes and remedies

NOTE

*) Malfunctions may only be remedied by authorised personnel.

Malfunction	Possible cause	Remedy
Engine		See the operating instructions for the engine
Engine does not start	Drive switch (4-12/6) is not in the neutral position	Set the drive switch to the neutral position
Generator does not start	Plug connection is loose	Push in and secure the plug connection
	V-belt is torn	Replace the V-belt
	Generator speed is too low	Check V-belt tension; if necessary, tighten
Bucket arm cannot be raised or lowered	Pressure relief valve in the control valve is open	Completely dismantle and clean the pressure relief valve; readjust *
	Pilot valve for the working and auxiliary hydraulics (4-12/5) is locked	Unlock the pilot valve (1-3/arrow)
	Pilot pressure is not available or is too low	Open the pressure relief valve in the control line, clean it and readjust it *
	Diesel engine has failed	Using storage pressure, it is possible to bring the bucket arm to its lowermost position directly after the engine has failed. »Not with built-in pipe break safety device«
Steering requires increased effort	Pressure relief valve in the steering unit is open	Completely dismantle and clean the pressure relief valve; readjust *
	Pusher in the priority valve is stuck	Replace the priority valve *

Malfunction	Possible cause	Remedy
Defect in the drive and working hydraulics	Filter is clogged	Replace the filter insert (section 8.2.13)
	Lack of oil in the hydraulic oil reservoir	Top up the oil
	Electrical connections to the axial piston pump are loose, disconnected or oxidised	Connect according to the wiring diagram or clean
	High-pressure valves are soiled	Clean
Defects in the braking system	Parking brake does not hold the loader	Check the setting; if necessary, readjust *
		Check whether the electr. drive cut-off is connected to the brake lever
Heating/ventilation has failed	Fuse in the fuse box is defective	Replace the fuse
Hose couplings of the attachments cannot be connected	Increased pressure resulting from influence of heat on the attachment	<p>Carefully loosen the coupling at the hose end above the quick coupling; oil sprays off; the excess pressure drops. Tighten the coupling</p> <p>NOTE Make sure that the collected oil cannot cause any pollution</p>
	Increased pressure in the basic loader	<p>Stop the engine. Remove the pressure in the lines by moving the valve lever for the auxiliary hydraulics (4-12/1) back and forth several times</p>