

## **Malfunctions, causes and remedies**

### 9 Malfunctions, causes and remedies

#### NOTE

\*) Malfunctions may only be remedied by authorized personnel

Malfunction	Possible cause	Remedy
Engine		See Engine Operating Instructions
Engine does not start	Drive switch (4-10/3) is not in the neutral position	Switch into neutral position
Bucket arm cannot be raised/lowered	Pressure relief valve in the control valve is open	Completely dismantle and clean the pressure relief valve; readjust *
	Pilot valve for the working hydraulics (4-10/2) is locked	Unlock the pilot valve (1-2/arrow)
	Pilot pressure is not present or is too low	Open the pressure relief valve in the control cable, clean it and readjust it *
	Diesel engine has failed	Using storage pressure, it is possible to bring the bucket arm to its lower-most position directly after an engine failure. » Not with built-in pipe break safety device «
Steering requires increased effort	Pressure relief valve in the control valve is open	Completely dismantle and clean the pressure relief valve; readjust *
	Pusher in the priority valve is stuck	Replace the priority valve *
Swivel mechanism does not swivel	Block wedge blocks swiveling (1-4/arrow)	Remove block wedge and place it in its holder
	Pressure relief valve in the control valve is open	Completely dismantle and clean the pressure relief valve; readjust *
Stabilizer fails	The stop valve leverage in the frame under the revolving seat is jammed	Bring the bucket arm in the direction of travel; make leverage moveable
Stabilizer fails when bucket arm is lowered in the swiveled position	Non-return valve in the pressure line is open	Bring the bucket arm in the direction of travel; remove and clean the non-return valve; if necessary, replace *

Malfunction	Possible cause	Remedy
Defects in the drive and working hydraulics	The filter is clogged	Replace filter insert
	Lack of oil in the hydraulic oil reservoir	Refill oil
	Electrical connections to the axial piston pump are loose, disconnected or oxydized	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 settings; if necessary, adjust*
		Check whether the electric traction drive interlock is connected to the brake lever
Generator does not charge	Plug connection is loose	Push in plug connection and secure
	V-belt torn	Replace V-belt
	Generator speed too low	Check V-belt tension; if necessary, tighten
Heating/ventilation fails	Fuse in the fuse box is defective	Replace fuse system
Hose couplings on attachments cannot be connected	Increased pressure resulting from influence of heat on the attachment	<b>Carefully</b> loosen the coupling at the hose end above the quick-action coupling; oil sprays off; excess pressure drops; tighten coupling  <b>NOTE</b> Make sure that the collected oil cannot cause any pollution!
	Increased pressure in basic unit	Stop the engine. Remove the pressure in the lines by moving the hand lever on the pilot valve (4-9/5) several times circularly