

## **Malfunctions, causes and remedies**

### 9 Faults, causes and remedies



#### NOTE

\*) Faults may be eliminated only by authorised personnel

Fault	Probable cause	Remedy
Engine		See operating instructions for the engine
Engine does not start.	Drive switch (4-10/3) is not in neutral position	Set the drive switch to the neutral position
The bucket arm cannot be lifted/ lowered	Pressure-relief valve in servo valve is open	Remove and clean entire pressure-relief valve, readjust *
	Pilot valve for working hydraulics (4-10/2) is locked	Unlock pilot valve (1-2/arrow)
	Pilot pressure too low or does not exist	Open, clean and readjust pressure-relief valve in control line *
	Diesel engine failed	Storage pressure can be used to bring the bucket arm to its lowermost position immediately after an engine failure. » Does not apply when pipe break protection is installed «
Steering is sluggish	Pressure-relief valve in steering unit is open	Remove and clean entire pressure-relief valve, readjust *
	Slide in priority valve stuck	Replace priority valve *
Swivel unit does not swivel	Swivel block blocks swivelling (1-4/ arrow)	Remove swivel block and store in holder
	Pressure-relief valve in servo valve is open	Remove and clean entire pressure-relief valve, readjust *
Support fails	Switching of stop valve in frame under revolving seat stuck	Bring bucket arm into travel direction; make sure the leverage moves freely
The support fails when the bucket arm is lowered in a swivelled state	Non-return valve in pressure line stuck in open position	Bring bucket arm into travel direction, remove and clean non-return valve (replace if necessary) *

Fault	Probable cause	Remedy
Faults in the driving and working hydraulics	Filter clogged	Replace filter cartridges
	Lack of oil in hydraulic oil reservoir	Top up oil
	Electrical connections at axial piston pump are not tight, are not connected or are oxidised	Establish or clean connections according to electric wiring diagram
	High-pressure valves soiled	clean
Faults in the braking system	Parking brake does not hold the device	Check setting, adjust if necessary *
		Check whether electrical traction drive break is connected to brake lever
Alternator does not charge	Loose connection	Press in and lock connection
	V-belt torn	Replace V-belt
	Alternator speed too low	Check V-belt tension, tighten if necessary
Heater and ventilation system failed	Fuse in fuse box blown	Replace fuse
Hose couplings of attachments cannot be connected	Increased pressure due to heating of the attachment	Carefully loosen the screwed connection on the end of the hose upstream of the quick-change couplings. Oil squirts out and the increased pressure is eliminated. Tighten the screwed connection.
	Increased pressure in basic machine	<p><b>NOTE</b> Waste oil must be disposed of in such a way that it will not cause pollution!</p> <p>Turn off the engine and eliminate pressure from the lines with circular motions of the pilot valve lever (4-9/5).</p>