

Service description

Product: VM420	Service description No.: 4120-S005	Ver: 2
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Symptom

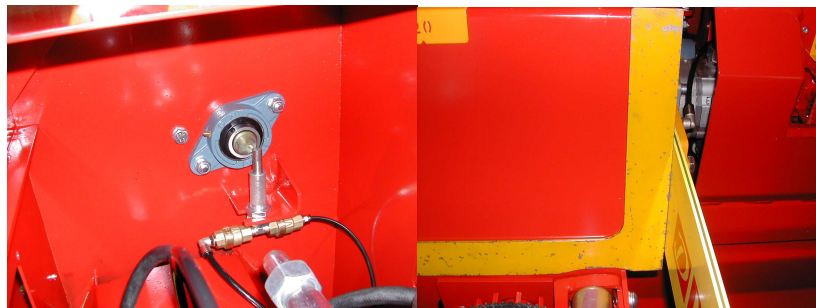
Saw motor starts, but saw movement do not operate properly

Cause

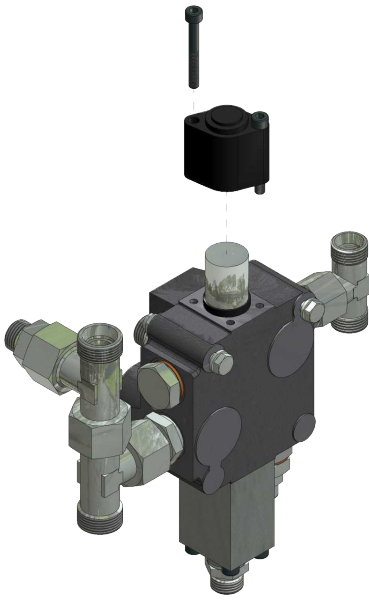
1. Valves for speed and power are uncorrectly adjusted.
2. The log stop moves slowly – braked movement.
3. Saw is worn and bends sideways innside the saw bar..
4. The saw bar do not move completely vertically downwards causing tha bar to be jammed fast.
5. Safety valve for protection lid above splitting ram is uncorrectly adjusted.
6. Contamination inside the saw movement valve.
7. Hydraulic hose in the circuit is bent and having reduced oil flow.

Solution

1. Adjust valves for speed and power according to manual.
2. Watch [4120-S018](#), clean the log stop and grease glide areas.
3. Saw chain to be sharpened according to manual. Inspect saw bar for eventual defect and grind of damages. Eventually turn the saw bar opposite way for further use.
4. The saw bar is supported by two spherical bearings. Loosen the fastening screws for the bearings and adjust fastening so that the saw bar moves perfectly vertical downwards (90 degree angle)



5. Watch [4120-S015](#), inspect the safety valve for any movement or malfunction.
6. Dismount the cover lid for the saw motor valve as indicated below. Dismount the valves plunger and inspect this part for groves or contamination..



7. Twist the hose so that it does not bend or has a constriction. If the hose is damaged it must be replaced.