



Cleaning System Manual

Filtering liquids when refilling machines and systems

- Submerge the suction sieve in the oil tank, and the delivery pipe in the container (hydraulic tank) of the machine or system (below the surface of the liquid).
- Switch on the filter aggregate with the safety switch.
- Check the oil flow (adjust the submersion depth of the suction pipe in the oil container if necessary). It is possible to pump air out of the filter housing for max. 30 sec. when filtration is started.
- Check the medium for contamination by means of the contamination indicator.
- Monitor the filling level at the machine or system and switch off the filter aggregate when the desired filling level is reached.

Filtering liquids by means of bypass at machines and systems

- Proceed as described above, but submerge the suction sieve and delivery pipe in the container of the machine or system (below the surface of the liquid).
- Upon completing the filtering process, take the suction sieve out of the machine or system and suction air for max. 30 sec. Return residual oil from the filter housing and lines above the oil level to the container of the machine or system by means of the delivery pipe.

In order to achieve maximum cleaning, the hydraulic or lubrication system should be operated (better circulation of the liquid, lower viscosity). Moreover, the maximum possible distance between the suction side and the pressure side should be maintained (to ensure even flow of the oil). Recommended value: 30 min/100 l of tank contents.

Filter change

- The filter must be changed if the pressure gauge indicates red.
- Rotate the housing lid to open and remove from the housing with the filter element.
- Detach the filter element at the lid by rotating.
- Place the new filter element in the housing lid and rotate into the housing.