

■ Backwashing

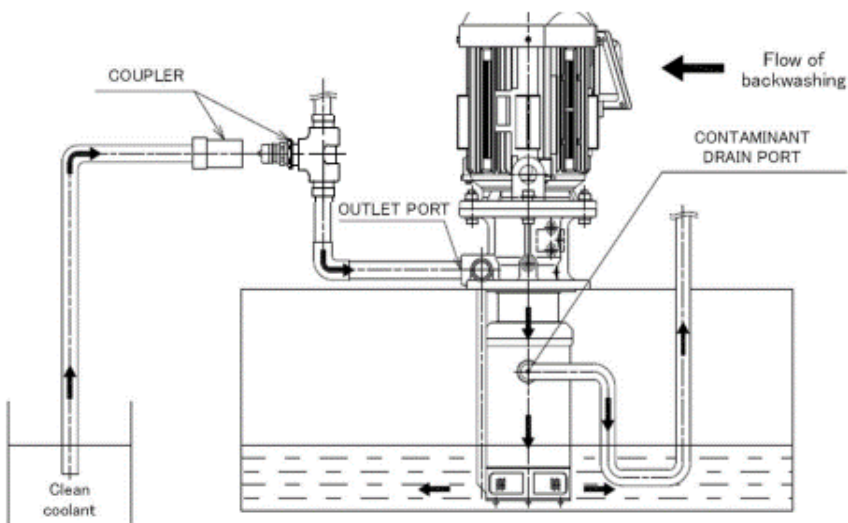
If the pump discharge or intake rate is reduced, Turbulence filter is possibly clogged.

In that case, clogged filter can be cleaned by backwashing and filter performance will be restored.

Follow the steps shown below to perform backwashing.

- ① Set up a washing tank and pour some (guideline: 10 L) clean coolant.
- ② Turn the coupler toward the direction of washing tank.
- ③ Change connections between terminal U and V and run the pump in reverse for 5 seconds so that the pump can suck the clean coolant from the washing tank and backwash the filter. Backwash should be repeated several times, but do not exceed 5 seconds each time.
- ④ After backwashing is completed, return the coupler toward the direction of machine tool.
- ⑤ Restore the original terminal connections and run the pump in the normal rotation.

Backwashing Circuit



⚠ Caution

Make sure there is no tramp oil accumulation or foam on the coolant surface. Backwashing will not recover filtration performance of a pump completely. Constant filter clogging suggests that the pump might be operated beyond the specifications.