

Recommended Water Quality for CAT PUMPS – High Pressure Pumps

a) Fresh water

CAT PUMPS –with fresh water
with a filter size of 100-177 μm

b) Reclaim water

CAT PUMPS - High Pressure Pumps operating with reclaim water
under the following condition:

Filter size:	max. 50 μm
suspended particles:	$\leq 0,5$ volume percent
pH-value:	5-9

c) Process water - abbrasiv

CAT PUMPS - High Pressure Pumps operating with process water
under the following condition:

Filter size:	10 – 20 μm
suspended particles:	$\leq 0,4$ volume percent
pH- value:	6-8

The quality of the water has an direct influence on the life time of the wearing parts and the overall life time of the pump. To achieve optimum operating conditions the above mentioned parameters should be maintained.

Periodical monitoring and cleaning of the filters and the water treatment units are essential.