

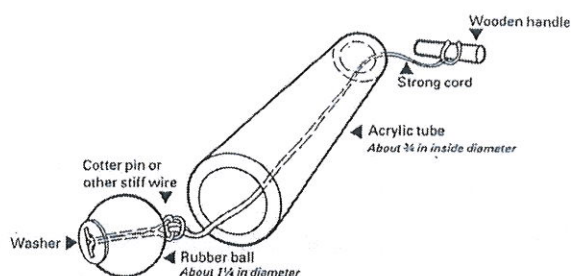
Instructions for operation of the oil separator

Pipelife oil separator are calculated and manufactured according to EN 858.

In the design of oil separators are taken into account:

1. Working volume required for the separation and surfacing of oils on the surface
2. Additional volume for sludge
3. Degree of purification:
 - separator without coalescent filters - up to 90 g / l of oil at the outlet is classified as CLASS II
 - separator with coalition filters - up to 5 g / l of oil at the outlet is classified as CLASS I.

Measurement of the volume of accumulated oils and sludges:



After putting the equipment into operation, it must be monitored periodically in case the equipment is not equipped with an automatic closing device at an oil level above the permissible level. The measurement is done by a specially designed device that allows to see the level of sludge, the level of the working volume and the thickness of the oil layer. In order for the equipment to function properly, it is necessary to monitor the level of the working volume, where the processes of precipitation of solid particles and the emergence of oils take place. For each of the oil collectors of Pipelife there is a diagram in which the heights of the sludge, the working volume and the oils are shown. In cases where even the height of the oil layer is less than indicated in the diagram, but the height of the sludge is above the allowable we have a reduction in working volume, which leads to deterioration of the effluent and the facility needs to be cleaned.

Operation of oil separator CLASS II - NS - without coalescent filters:

The cleaning is performed by authorized companies. First it sucks up the water along with the oils and sludge. The side walls of the tank, inlets and other parts should be cleaned with high-pressure cleaners. Inspection openings, covers and external parts must be visually inspected. After cleaning the separator, it must be filled with clean water and ready for use.

Operation of oil separator CLASS I - CNS - with coalescent filters:

The principle for cleaning the CLASS I oil separator is the same as for CLASS II with the peculiarity that the filters must be cleaned with water under pressure. For this purpose, access to the filters is provided through the inspection openings. The filters are cleaned with a pressure machine and, if necessary, this must be done on both walls. After cleaning the filters, the contaminated water is removed from the tank again. After cleaning the separator, it should be filled with clean water, which starts its operation.

Operation of oil separator CLASS I - FNS - with coalescent filters:

The cleaning of the FNS Class I separator with a porous filter is done by sucking the water together with the oils and sludge. After cleaning the walls of the separator, the porous filter is removed from the stand, removed and replaced with a new one. Replacement is quick and easy, then re-mounted on the stand. The separator is filled with clean water and is ready for operation.

Collection and disposal of accumulated sludge and oil in Pipelife separators should be performed by authorized agents in accordance with local requirements and regulations.