

# Eflo SEP

# Oily Water Separator

## EfloSEP Benefits

- Inlet Screen
- Adjustable Oil Skimming Weirs
- Stainless Steel or Epoxy Coated Mild Steel Fabrication
- Enhanced Separation using Tilted Plate Technology
- Concrete Tank Option
- Flat or Hopper Bottom Tanks
- Above or Below Ground Installation
- Minimal maintenance.

## General Description



## Eflo - About Us

*Eflo International Ltd, UK* is an OEM company offering proven and robust technologies for advanced wastewater treatment systems for both domestic and industrial waste water.

Eflo also designs and manufactures reverse osmosis plants for sea water and brackish water desalination delivering these as ready to run packaged plants in either skid for or containerised.

*Eflo* has designed & installed treatment plants in Europe, the Middle East, Africa, Caribbean the Indian Ocean islands over a period of more than 40 years and can delivery globally through local agents who provide product support.

*Eflo* offers a range of other innovative water treatment products including oily water separation and DAF processes as well as water treatment chemicals

Please contact us so we can help you with your water treatment requirements

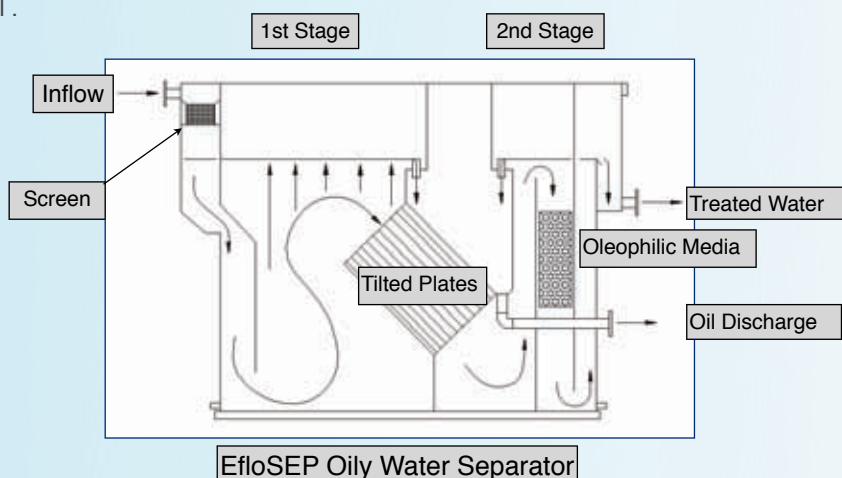
### EFLO Water Treatment Products :

- EfloSAF** Submerged Aerated Filter
- EfloMBR** Membrane Bio-Reactor
- EfloDAF** Dissolved Air Floatation
- EfloGREY** Grey Water Re-Cycling
- EfloRO** Sea & Brackish Water Reverse Osmosis
- EfloSBR** Sequential Batch Reactor
- EfloCT** Extended Aeration
- EfloSEP** Oily Water Separator
- EfloCHEM** Water Treatment Chemicals
- EfloSLUDGE-DRY** Sludge Dewatering

EfloSEP oily Water Interceptors are used for the separation of and free floating oils from waste water streams. It is designed to separate 99.9 % of 50 micron free oil droplets of an SG of 0.86 or below from water with an SG of 1.0 or above. Typical oil in effluent quality for the EfloSEP Double Stage is 20 mg/l/. The first stage uses tilted plates for the bulk separation of oil from the water and the second stage includes for oil attracting media. Both stages have fine adjustable oil collection weirs. The oil is skimmed using these weir to an integral sludge tank. Heavy solids collect in the hopper bottom and are discharge using a sludge pump to a storage tank.

Applications are industrial sites where rain or wash down water can wash spilt oils into storm drains.

Also, food processing factories. Other uses are in pretreatment to further water treatment processes, where free oil contamination will cause process problems. Typical oil level in the effluent for the Double Stage EfloSEP is 20 mg/l .



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