



Eflo SEP

EFLO Separators

High Performance Single & Double Stage Oil Separators



Oil Interceptor for Railway Yard, UK, Locomotive Wash Facility

Eflo International Ltd, the UK designer and manufacturer of wastewater treatment technologies, offer innovative treatment solutions.

Eflo has installed more than 500 installations worldwide spanning a period of more than 35 years.

As well as the Eflo SEP, Eflo offers a range of other waste water treatment products for both sewage, industrial waste water & water re-use including grey water recycling.

EFLO Products :

- Eflo CT Constant Transfer Extended Aeration
- Eflo SAF Submerged Aerated Filter
- Eflo MBR Membrane Bio-Reactor
- Eflo EC Electro-Coagulation
- Eflo DAF Dissolved Air Floatation
- Eflo SEP Oil Water Separator
- EfloGREY Grey Water Recycling
- Eflo SHIP Marine Sewage Treatment

Eflo SEP Benefits

General Description

- 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**

Eflo SEP oily Water Interceptors are used for the separation of and free floating oils for waste water streams

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 pre - treatment to further water treatment processes, where oil contamination will cause process problems.

Eflo SEP is a key process component in industrial

water re-use systems.

Typical oil level in the effluent for the Single Stage Eflo SEP is 50 mg/l

Enhanced oil removal to better than 20 mg/l can be achieved by incorporating and utilizing plastic oil attracting media.

All Eflo SEP units are available as package, steel fabricated systems. Larger systems can be built using concrete tanks with pre-fabricated internal components.

Advanced Waste Water Treatment & Water Re-Use Systems

Eflo SEP

The Eflo SEP single stage interceptor 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 is 50 mg/l.

The Eflo SEP Double Stage includes for second stage oil attracting media can improve this quality further to around 20 mg/l

Industrial Applications:

Oil Industry Produced Water Pre Treatment

Car & Truck Wash

Port and Docks

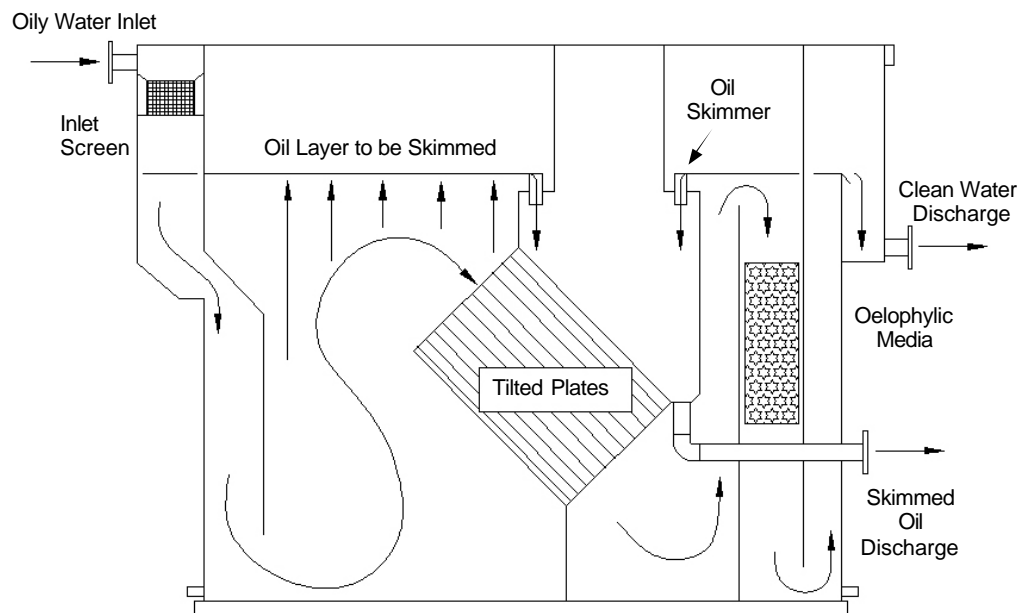
Ship's Slops

Ship's Bilge Water

Pre Treatment to Eflo DAF and Eflo EC

Storm & Rain Water from Vehicle Service Yards

Model	Flow m ³ /d	Unit Size of Process Tank L x W x D m	No. of Process Tanks in Parallel								
Eflo SEP 50	50	2.0 x 0.7 x 1.5	1 single stream								
Eflo SEP 100	100	2.5 x 0.7 x 1.9	1 single stream								
Eflo SEP 190	190	2.7 x 0.7 x 2.2	1 stream parallel								
Eflo SEP 380	380	2.7 x 1.3 x 2.2	1 stream parallel								
Eflo SEP 580	580	3.2 x 1.3 x 2.6	1 stream parallel								
Eflo SEP 770	770	4.2 x 1.3 x 3.1	1 stream parallel								
EfloSEP 1150	1150	4.5 x 1.3 x 3.3	1 stream parallel </tr <tr> <td>EfloSEP 1700</td> <td>1700</td> <td>4.5 x 1.9 x 3.3</td> <td>1 stream parallel</td> </tr> <tr> <td>EfloSEP 2300</td> <td>2300</td> <td>4.5 x 2.5 x 3.3</td> <td>1 stream parallel</td> </tr>	EfloSEP 1700	1700	4.5 x 1.9 x 3.3	1 stream parallel	EfloSEP 2300	2300	4.5 x 2.5 x 3.3	1 stream parallel
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Typical Schematic Drawing of a Eflo SEP Double Stage

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Advanced Waste Water Treatment & Water Re-Use Systems

Eflo are part of the Corodex Industries Group

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