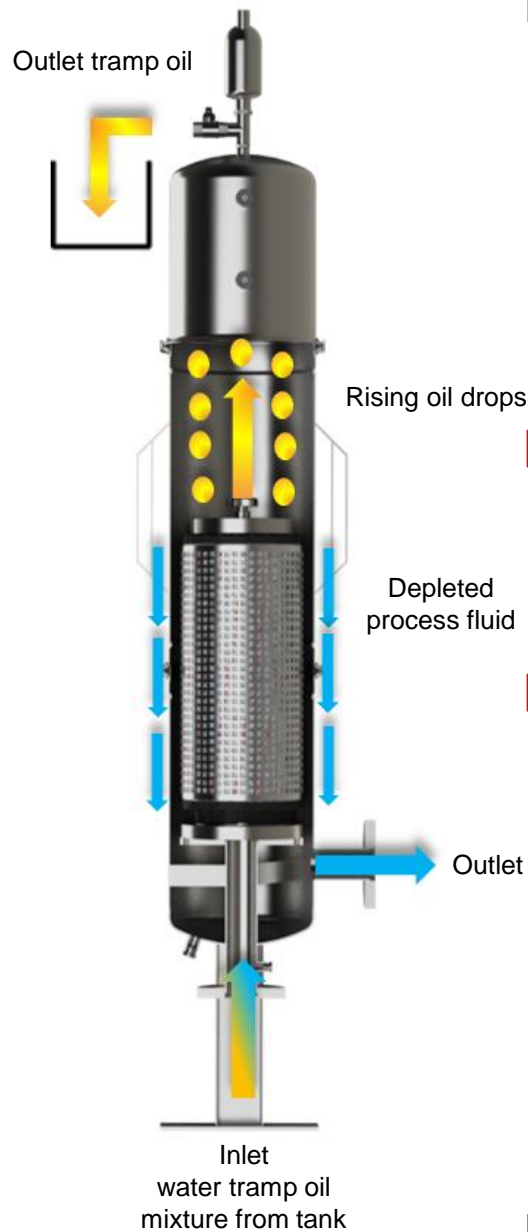


## PLF1C Coalescer Separator

Efficient Alternative for Gravity Oil Separators



### Description

- Combination of coalescer and gravity oil separator in a compact PLF1 housing
- Continuous bypass-maintenance of the fluid during system operation by removing a partial flow from the filtered process fluid
- Ideal for retrofitting → use of existing system peripherals

### Application areas

Specially developed for **tramp oil separation** from various fluids → **efficient alternative to gravity oil separators**

### Product advantages

- Improvement of bath-lifetime
- Continuous separation in the partial flow reduces system downtime → no bath-calming necessary
- Improvement of circulation in comparison to conventional gravity oil separators
- Reduced installation area in comparison to gravity oil separator
- Reduction of rejects
- Less man-hours for maintenance due to higher machine availability

### Technical specification

- Required pre-filtration:  
≤ 5 µm / 90 %
- $Q_{max}$ : 5 m<sup>3</sup>/h  
→ highest efficiency at  $Q < 3$  m<sup>3</sup>/h
- $p_{max}$ : 16 bar
- Filtration rating: 1 – 90 µm
- Filter material: Processmicron®
- Dimensions (LxWxH):  
360 mm x 450 mm x 2000 mm

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