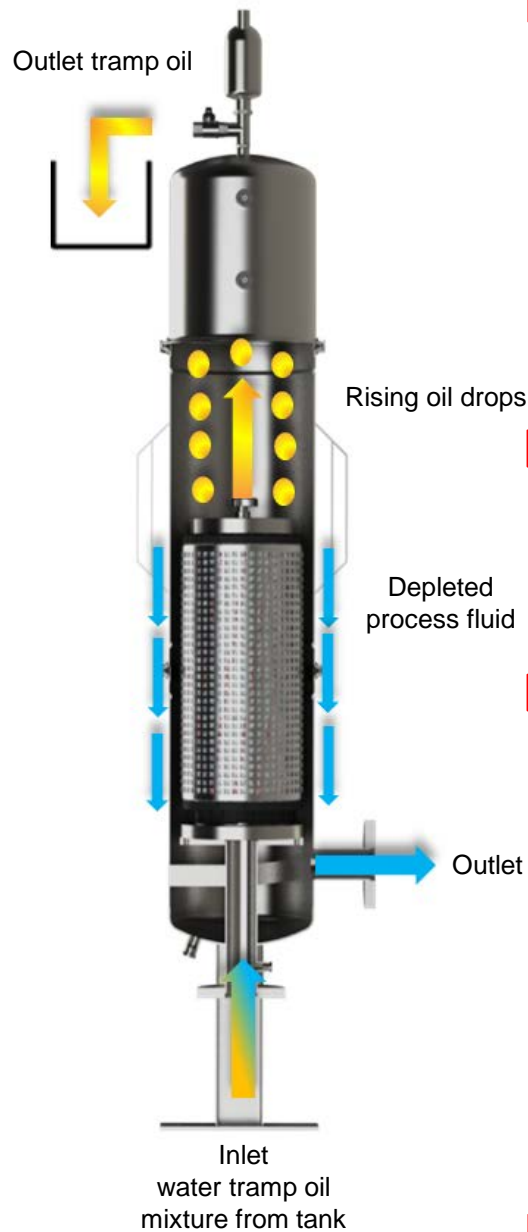


PLF1C Coalescer Separator

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:
≤ 10 µm
- Q_{max} : 6 m³/h
→ highest efficiency at $Q < 3$ m³/h
- p_{max} : 10 bar
- Filtration rating: 1 – 90 µm
- Filter material: Processmicron®
- Dimensions (LxWxH):
450 mm x 360 mm x 2000 mm

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2020-07-02