

## The Skim & Treat method

THE IMPORTANCE OF THE PROPER METHOD



### THE METHOD

A Skim & Treat arrangement consists of four different components:

1. A Suparskim® skimmer, floating or fixed mounted in the bath or tank, follows the liquid level; the aqueous fluid (cleaner, condensate etc.) with all traces of oil on the surface, is skimmed off continuously. The bath remains clean.
2. The fluid, skimmed off by the Suparskim® skimmer, is carried into a Suparator® oil separator. This can be done via gravity feed, but the most practical solution is using a positive displacement pump.
3. A Suparator® oil separator accumulates and collects all traces of free oil and separates the oil without water or chemicals.
4. After the oil is separated from it, the aqueous fluid (cleaner, coolant etc.) is returned to the bath or tank. If the Suparator® unit is placed high enough the fluid can be returned under gravity or else with a simple centrifugal pump.

### SOLUTION OR PRODUCT

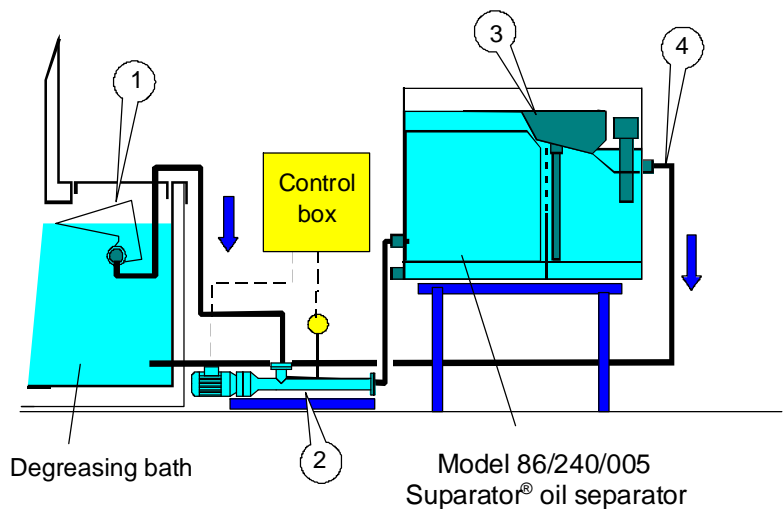
A good product by itself is not yet a solution. Using the product in the right way is just as important.

Important is not **whether** oil is being separated but **how much** oil is being separated. How much oil is left behind determines effluent quality and lifetime of a cleaner or coolant.

Improper use can cause the separator to function poorly or not at all, and lead to bad return on investments.

A good solution will:

- Remove oil quickly, such that deposition and sedimentation of dirt and sludge is minimized.
- Not emulsify the oil.
- Leave no visible traces of oil behind in a tank or bath.



### SKIM & TREAT

The Skim & Treat® method guarantees the optimal functioning of the Suparator® separator which means: maximal fluid lifetime and quality; minimal waste.

- Use of a Suparskim® skimmer, floating or fixed mounted, keeps the bath, tank or installation clean. No floating matter can stay behind and build a floating layer.
- The separation that already took place in the bath, tank or pit, is put to use by avoiding mixing of substances.
- Oil and dirt are removed from the process quickly which prevents the installation from getting dirty. The equipment, and with it the process, remains cleaner..
- Skim & Treat continues all the time, even during a normal process or production stop, or at an interruption of the flow that is to be treated. As a result, the concentration of oil and dirt drops more and more.

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