

COALESCING PLATE SEPARATORS

NO CLEANING = NO OIL SEPARATION



Coalescing Plate Separators (CPS) are typically rated to remove oil droplets between 60 and 80 microns and larger.

Water quality performance depends on the quality of the design and build of the system, however clean water is only achieved when the CPS is NEW or CLEAN!

Why is cleaning important?

As a CPS operates, dirt and sludge build up on the plates

As a result, oil separation performance declines to 100 micron oil droplet removal or worse

To keep the CPS separating oil, you must properly clean the system regularly

This comes as a surprise to some customers - as properly cleaning a CPS is time consuming and expensive process



This CPS needs to be cleaned!



What cleaning a CPS looks like!

What equipment do you need to properly clean your CPS?

- Access Platform
 - For larger CPS units
- Crane:
 - Dirty plates within the CPS are too heavy to remove by hand
- Large cleaning pad
 - Concrete with separate drain and sump
- High pressure jet washer
 - Normal hoses do not have enough pressure to reach inside the plate packs where the dirt and oil is

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What do CPS vendors tell you?

Take a look at what a leading CPS vendor has to say: <https://youtu.be/ekTVeVChI28>

So, even within the CPS industry, it is widely known and accepted that cleaning is an expensive hassle!



Would you consider this to be normal?!?

