

ULTRA-SURF CLEANER

Customer Case - Refinery Application

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— Erik and Stefan, Production Engineers at Refinery

What is your focus in your role, Stefan?

I am responsible for finding solutions that will improve the work environment for our employees, make our production more environmentally friendly, and ensure the quality of our production and products.

Why did you start looking at this type of solution?

We were looking for additional technology for our API oil-water separator that would give us continuous, long-term separation of free oil from the surface of the oily water.

Why the final decision to choose Ultra-Surf Cleaner?

The decision was based on the fact that Ultra-Surf Cleaner could be integrated into our existing plant, it was simply a case of installing it in the API tank. The collected oil is discharged automatically to a separate tank for disposal or for re-use in the process.

What were your expectations on the investment in Ultra-Surf Cleaner?

During a test period we found that Ultra-Surf Cleaner improved both separation and cleaning efficiency in the gravimetric separator. Since then it has been operating continuously.

What is the result so far?

Ultra-Surf Cleaner removes nearly all the water from the oil at a low energy cost and this has increased our productivity. Continuous separation gives a reduction in VOC emissions (volatile organic compounds).



Equipment: Ultra-Surf Cleaner-400
Capacity: 8,000 liters (2,113 gal) per hour
Purchased: 2002

What advice would you give to other companies with similar needs?

If you need the capability to clean oil, diesel and sludge, Ultra-Surf Cleaner is the equipment that does it best – with reliable operation and low maintenance requirements.

What are your plans for the future?

We plan to expand and will need to invest in an additional Ultra-Surf Cleaner.