

Preem Refinery Gothenburg, Preem AB



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Erik Falkeman,
Production Engineer Offsite
Stefan Jansson,
Production Engineer



Equipment: SCO 8000 ATEX
Capacity: 8,000 l/h
Purchased: 2002

Please tell us about your company

Construction of the BP refinery began in 1965 and was completed two years later. In 1994 the facility was purchased from OK Petroleum by Mohammed Al-Amoudis Corral Petroleum and some years later was renamed Preem Refinery Gothenburg. The facility currently has about 250 employees.

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 SurfCleaner?

The decision was based on the fact that SurfCleaner 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 SurfCleaner?

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

What is the result so far?

SurfCleaner 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).

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

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

What are your plans for the future?

Preem Refinery Gothenburg has plans to expand and will need to invest in an additional SurfCleaner.