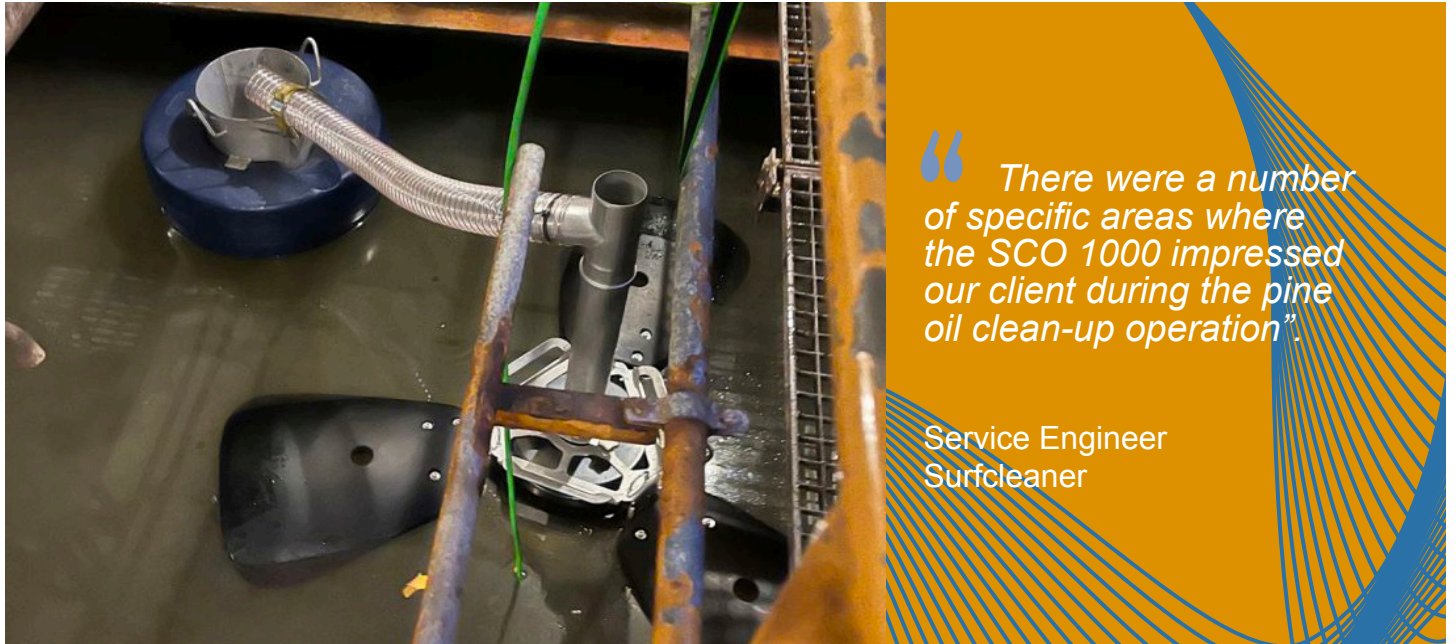


PINE OIL CLEAN-UP IN A MAJOR EUROPEAN PORT



Surfcleaner has completed its first pine oil clean-up project for a major European port.

The work was delivered within the inner harbour of a large international logistics and cargo handling hub, following a pine oil leak during the ship-to-shore transfer process.

The incident happened after an operator within the port experienced a leak causing pine oil to enter the storm water system. Surfcleaner performed a rapid response, deploying its versatile and compact Surfcleaner SCO 1000 system within 90 minutes of the alarm.

Surfcleaner Service Engineer says:

“When we arrived, there was a vacuum truck attempting to siphon the surface water. Our SCO 1000 system was quickly deployed and able to perform a much more rigorous operation separating and collecting the pine oil from within the harbour’s water treatment plant basin.

Within 24 hours of this first call out further pine oil residue was found within a well connected to the sewerage system where we again installed a SCO 1000 to tackle the issue. Pine oil is a hugely popular solvent, used in industrial applications for gums, resins, and other substances. However, it presents a significant issue when it comes to spills.

In this instance it reacted with other petroleum-based products and emulsified creating a tough sludge, which is particularly difficult to collect. If it enters the sewerage network it travels to the water treatment system where it can damage equipment such as sand filters, which are costly to replace.”

SCO 1000 impresses with rapid response and unique oil removal capabilities at ports:

According to statistics from ITOPF (International Tanker Owners Pollution Federation), most oil spills originate near ports. The non-profit organization, which provides technical advice for ship-sourced spills, calculates that approximately 80% of tanker spills arise from operational incidents, including loading, discharging, and bunkering.

There were a number of specific areas where the SCO 1000 impressed our client during the pine oil clean-up operation. Firstly, the speed in which we tackled the issue. Our streamlined and lightweight SCO 1000 is easy to transport and can deploy in restricted locations. It can be moved by one person and run autonomously if necessary, managing oil spills across different areas, from wells, basins, plant operations to the harbours themselves.

Secondly, a Surfcleaner system is the only one in the world capable of removing and separating oil sheen, which is particularly relevant in oil-spill cleanups, eliminating the need for costly absorbents. Due to its high performance, the client has kept the machines on site through a rental agreement, with the intention of purchasing them long term.



**Surfcleaner
SCO 1000 ATEX**

Equipment: SCO 1000 ATEX
Separation capacity: 1,000 l/h

Systems installed:
2023: 1 unit