



The Value of Uptime

Selling reliability puts heavy demands on maintaining a vessel's performance at all times

On several of Svitzer's vessels, maintenance management relies on CJC™ Oil Filter solutions to keep the oil clean, ensuring greater uptime and performance availability 24/7



Mr Kristian Brauner
CTO
Svitzer A/S

SVITZER

"We constantly aim to ensure maximum uptime and eliminate unplanned correction management. Offline oil maintenance keeps the oil clean and allows us to keep our vessels running smoothly and efficiently"



Always Available

Work boats and in particular tugboats, are highly specialised vessels and performance reliability is crucial to each individual operation as well as the business operation of the company as a whole.

Maersk-owned Svitzer has been offering reliability in towage and salvaging since 1833 and is now the global market leader with about 3,900 employees and 430 vessels operating all over the world

The company's operations deliver safety and reliability to shipping companies, port authorities and shipowners



FACTS

SVITZER A/S

- Established 1833
- Headquartered in Copenhagen
- 3,450 offshore employees and 450 onshore employees
- Harbour towage and terminal towage
- Fleet of more than 430 vessels
- Operating in more than 40 countries

Maintenance Management

- is all about Reliability

Mr Kristian Brauner is CTO for Svitzer and draws the lines of Svitzer's maintenance and repair strategy:

Cost efficiency

"We try to optimise our maintenance management to ensure we get as much uptime as possible and reduce the number of unforeseen breakdowns, and we constantly look at the cost/efficiency balance between maintenance, scheduled docking and repairs."

Oil maintenance systems

C.C.JENSEN A/S delivers state-of-the-art oil maintenance solutions based on more than 60 years of experience ensuring clean oil for a wide variety of applications in industries like wind, manufacturing, power, mining, offshore and marine.

CJC™ Oil Systems are well documented and the simplicity of the constructions ensures easy handling by maintenance crews.

As part of a CJC™ Clean Oil solution, online monitoring of oil quality and cleanliness is offered to all customers.

C.C.JENSEN A/S also offers online web-based education programmes for maintenance crew members and superintendents.

Easy and simple solution

"We use offline oil maintenance solutions like the ones we have installed from C.C.JENSEN A/S on all vital equipment on our tugs for engine lube oil, gear thruster oil and hydraulic oil, and on the newer vessels for cleaning diesel fuel as well."

In my opinion, the CJC™ solution is a very good product which is easily operated by our crew. You simply press the start button and it's on. Another advantage of the offline maintenance solution is that the filter inserts can be easily disposed of at port, whereas separators and centrifuges generate considerably more waste – contaminated oil that requires proper storage and can be costly to get rid of."

Continuous oil maintenance

Offline filter systems also offer the option of performing oil maintenance 24/7 and furthermore will improve the efficiency of the inline filter installed in most equipment.

Contamination removed

With an offline filter solution like CJC's, we can have the system remo-

The sales and production people actually buy **availability, performance and reliability** from maintenance!

ving contamination such as particles, water and varnish from the oil 24/7 - also when the machinery is not used - and in that way we can ensure that we have completely clean oil when the next shift starts.

Oil condition monitoring

"As part of our maintenance management, we analyse the oil and closely monitor its condition according to our prescribed ISO standards. The offline maintenance systems allow us to extend the lifetime of the oil, which benefits the environment as well as our competitiveness. Furthermore, it allows us to be confident when we - as responsible for maintenance - promise reliability, safety and performance to our customers."

Mr Kristian Brauner
Employed at Svitzer A/S
since 2013

SVITZER



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- all over the World



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