



Ahead in experience

Alfa Laval PureSOx references



Don't just comply – be a step ahead

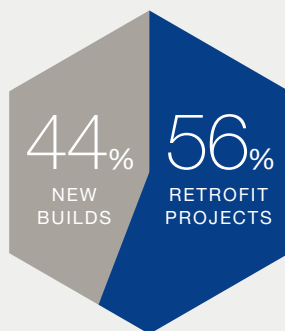
You won't be alone in choosing a SOx scrubber. But you will be a step ahead, if you select the scrubber at the forefront: Alfa Laval PureSOx. At sea since 2009, PureSOx has the record others aspire to, with every system ever sold in operation and in compliance. Built on 100 years of marine experience, PureSOx has been chosen for hundreds of vessels to date. But what matters more are the returning customers, convinced by smooth installations, proven results and first-rate global service.

They know PureSOx will keep them ahead – today, in 2020 and beyond.



Facts and figures about Alfa Laval PureSOx

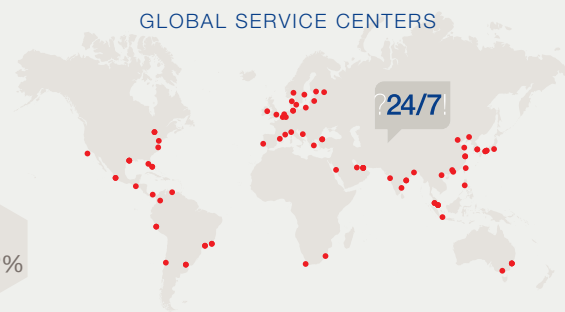
TYPE OF INSTALLATION



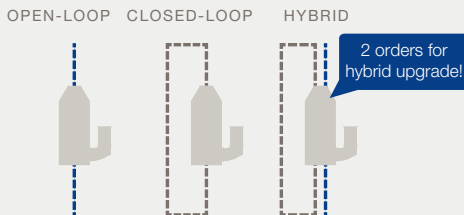
GLOBAL SERVICE CENTERS



83%
of PureSOx systems in
operation have an Alfa Laval
service contract



PURESOX CONFIGURATION



SHORT FACTS

100 Years of
experience in
marine industry

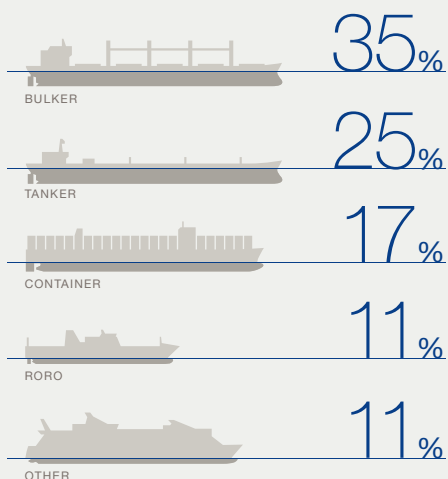
50 Years of
experience with
marine scrubbers

10 Years at sea

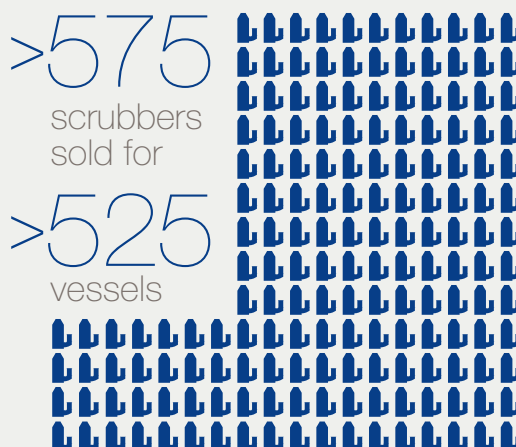
>400 Scrubbers
installed

>2.5 mill. Total
hours of
operation

VARIETY OF SHIPS



PURESOX SUCCESS



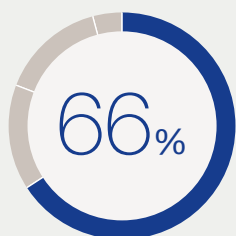
References

Bulker

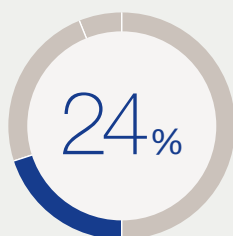


"PureSOx open loop U-type system ensures M/E safe operation while Alfa Laval extensive experience and track record in the Scrubber industry along with her Global Service Network guarantees uninterrupted operation of the vessels."

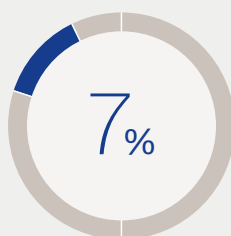
Dr. Loukas Barmparis, President, Safe Bulkers, Inc.



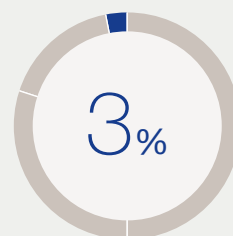
Capesize
bulk carrier
100K+ DWT



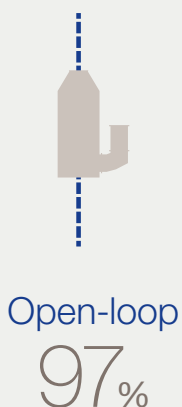
Panamax
bulk carrier
60-100K DWT



Handymax
bulk carrier
40-65K DWT



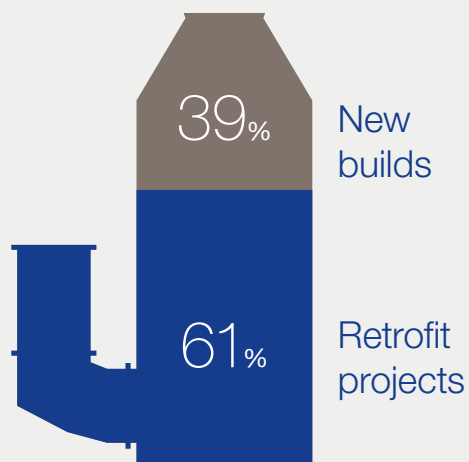
Handysize
bulk carrier
10-40K DWT



Open-loop
97%



Hybrid
3%



New
builds

Retrofit
projects

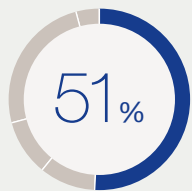
References

Tanker

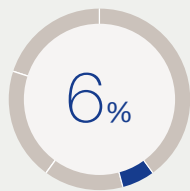


"The PureSOx scrubber commissioning and operation during sea trials was exceptional. It was amongst the equipment on board without alarms during the endurance and UMS tests in the sea trials."

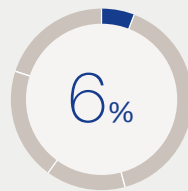
Miltos Synefias, Technical Director, Pleiades Shipping Agents S.A.



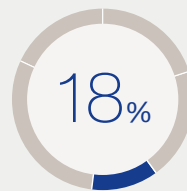
UL/VLCC
crude tanker
200K+ DWT



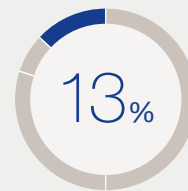
Suezmax
crude tanker
120-200 DWT



Aframax
crude tanker
80-120K DWT



Handy
product tanker
10-60K DWT



LPG
carrier
5-60K+ CU.M.

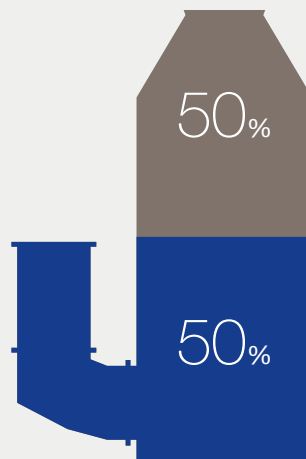


Open-loop
91%



Hybrid
9%

First 2 hybrid
upgrades sold!



New
builds

Retrofit
projects

References

Container

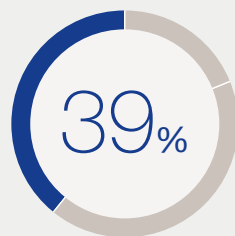


"The PureSOx solution was well engineered and allowed a sophisticated integration of the scrubber system into our container feeder ships. The custom construction let us avoid major modifications inside the vessel, which together with the pre-outfitting gave us a short installation time. All those factors contributed to a competitive price."

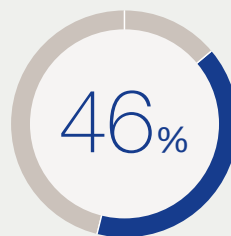
Christoph Meier, Project Manager, Buss Shipping



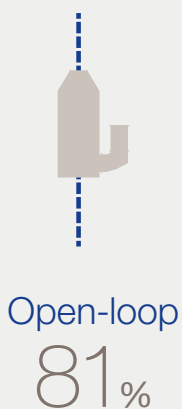
Post-Panamax
15K+ TEU



Intermediate/
Neo-Panamax
3-15K TEU



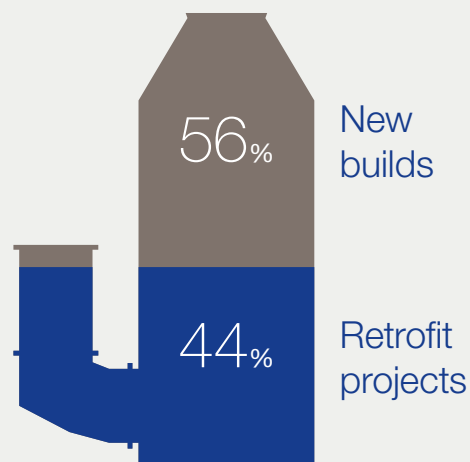
Feeder
<3K TEU



Open-loop
81%



Hybrid
19%



New
builds

Retrofit
projects

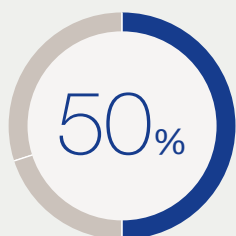
References

Other



"Hybrid scrubbers are among the most efficient alternatives to using expensive low-sulphur fuel oil. Based on our previous experience, PureSOx has proven to be a reliable and efficient retrofit solution. We have been very pleased with the cooperation with Alfa Laval."

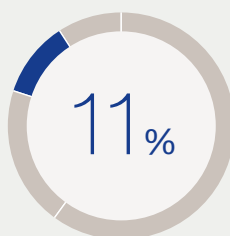
Kasper Moos, Vice President Technical Org., DFDS Seaways



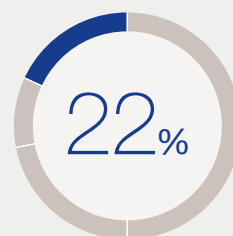
RoRo vessel



Cruise ship



Car carrier



Other



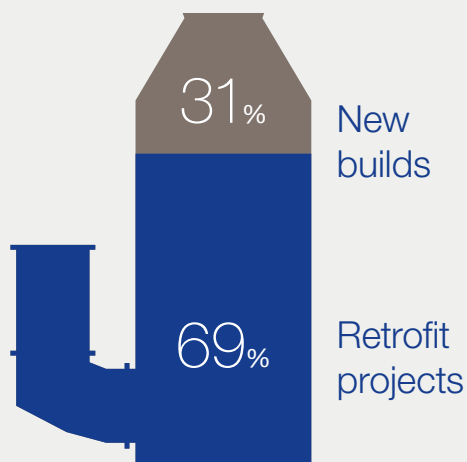
Open-loop
45%



Closed-loop
8%



Hybrid
47%



How to contact Alfa Laval

Up-to-date Alfa Laval contact details for all countries are always available on our website at www.alfalaval.com

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Alfa Laval reserves the right to change specifications without prior notification.