



SEAFLO NEO

A Unique Anti-fouling "Beyond Silyl"

From Low VOC and fuel savings to environmental protection
- a new generation -

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SEAFLO NEO is a high performance TBT free hydrolysis antifouling, utilising a special and unique polymer to deliver an ultra smooth surface and excellent self-polishing performance, thus providing long term antifouling protection, low friction resistance and low-fuel consumption. SEAFLO NEO is the lowest VOC (330g/L) antifouling in the hydrolysis category.



A scene of SEAFLO NEO application:
A smooth surface can be obtained by the conventional painting method.

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Ultra Smooth Surface Technology

Fuel saving 3 - 5% (Reduction of Friction Resistance)

Long life AF performance (Excellent polishing characteristics)

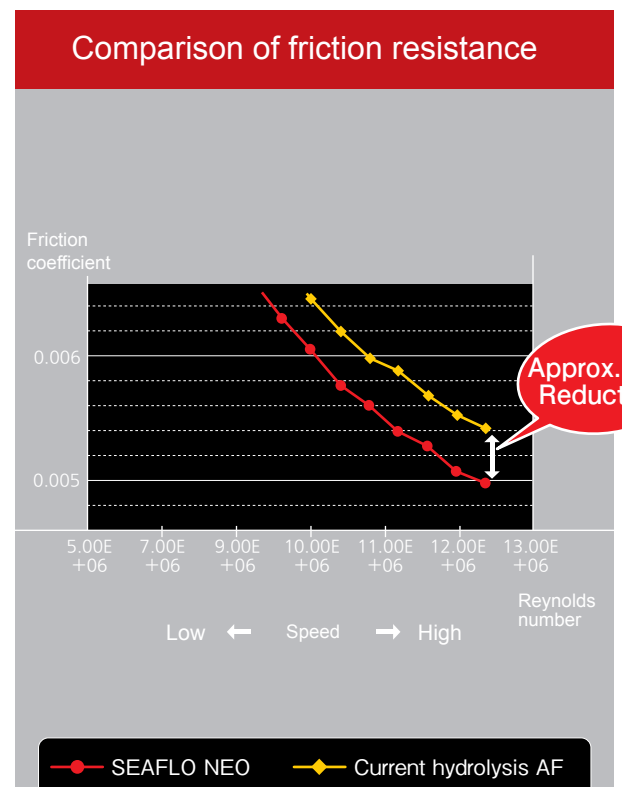
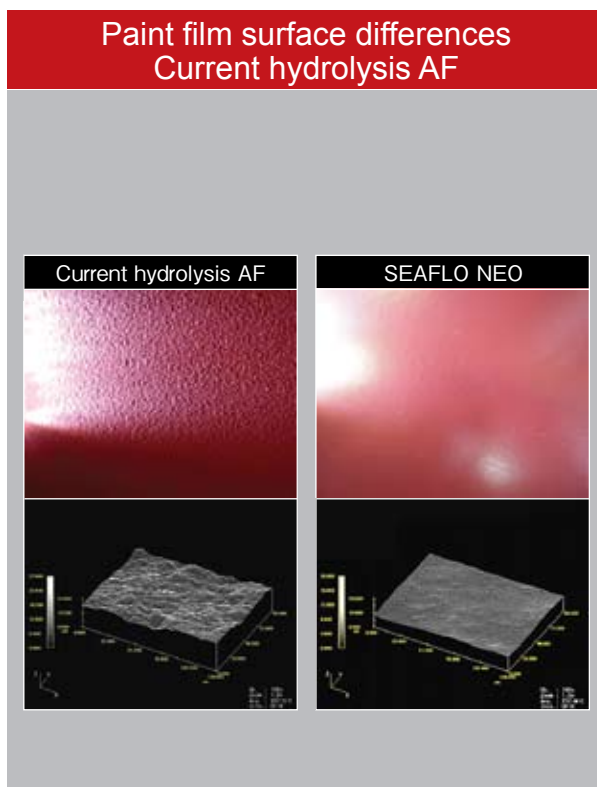
Excellent static AF performance

VS=61%, VOC=330g / Litre

Fuel savings derived from an ultra smooth surface

The key features are : formation of an ultra smooth paint film, excellent self-levelling characteristics, the lowest VOC in the hydrolysis AF category and excellent workability. CMP developed the Double Cylinder Friction Resistance Equipment to analyse the product's resistance in sea-water

with Tokyo University of Science and the National Maritime Research Institute. The test revealed that SEAFLO NEO reduced frictional resistance by 8% compared to conventional antifouling paints. This predicts a 3% to 5% fuel saving when SEAFLO NEO is applied to ships in service.



The large drum (31cm in diameter and 30cm in height) of the double cylinder type water current frictional resistance measuring apparatus:

By turning of the outer circumference of the cylinders at 1,000 rpm, the torque working on the inner cylinder can be measured up to 32 knots in the circumferential speed equivalent at the theoretical maximum, and the frictional resistance can be verified with consistent reproducibility.

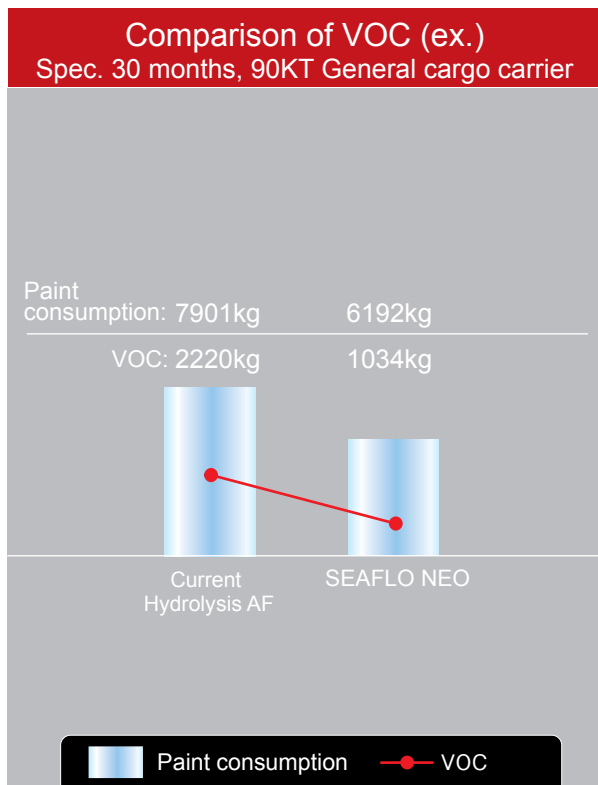


Environmental protection Via low VOC

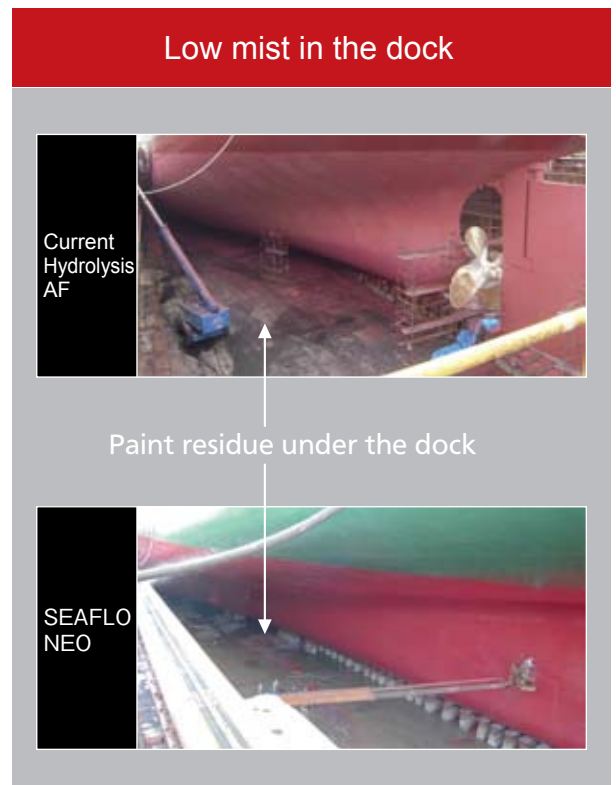
The reduction of VOC also results in less coating per square metre, hence a corresponding reduction in the quantity of paint required and the number of man hours required for application. The intensity of odour over time is also minimized.

Improvement of work process

Less operations time is required arising from the reduced paint consumption, which in itself improves the working environment as dry spray and spray mists are minimized.



SEAFLO NEO results in lower coating consumption, hence reduces the amount of solvent entering into the atmosphere. More than 40% of VOC can be eliminated in many cases in the dockyard.



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CMP CHUGOKU MARINE PAINTS, LTD.

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* The information given in this sheet is effective at the date shown above and subject to revision from time to time without notice.

* Prior to use, please read carefully this Technical Data Sheet, Material Safety Data Sheet (MSDS), and label on the package of our products.