

“K” Line reduces CO₂ emissions with Intersleek®900

Kawasaki Kisen Kaisha Ltd (“K” Line) is one of the world’s largest vessel operators. The company is committed to reducing the environmental impact of their fleet.

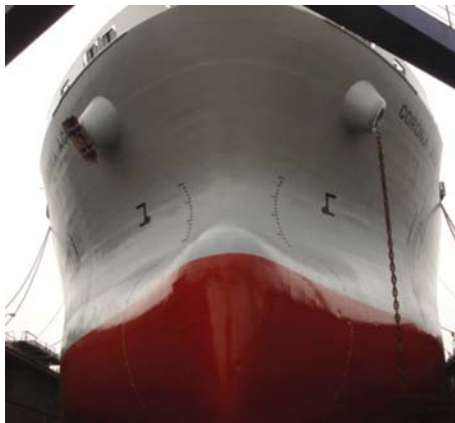
“K” Line was the first company to apply Intersleek®900 fluoropolymer foul release coating on a bulk carrier - the 77,747 dwt ‘Corona Ace’.

Following full blasting of the underwater hull and application of Intersleek®900, in China in October 2006, “K” Line monitored vessel efficiency closely. The results were notable - the efficiency of the vessel, trading between Australia and Japan, had improved by more than 8%.

For “K” Line, the investment in Intersleek®900 continued to reap rewards:

Resistance to static fouling – The vessel had a number of static periods waiting to load cargo off Newcastle, Australia. There were 6 static periods ranging from 14 to 28 days. After the 28 day static period underwater inspection was carried out and no fouling was observed.

Reduced docking time – At the next docking in China in May 2009, mechanical damage was very limited. No full coats of foul release coating were needed and the vessel un-docked in less than 5 days, saving time and costs, reducing solvent emissions and waste generated.



Following positive results achieved on ‘Corona Ace’, “K” Line has subsequently applied Intersleek®900 on 6 more vessels:-

Suirei Maru:	88,736 dwt bulk carrier
Corona Emblem:	77,302 dwt bulk carrier
Grace River:	49,996 dwt LPG tanker
Fujikawa:	299,984 dwt VLCC
Mogimagawa:	299,999 dwt VLCC
Globulus:	50,000 dwt wood chip carrier

Interested in finding out how your company could benefit from using Intersleek®?

Call:

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Send an email:

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Visit our website:

www.international-marine.com/intersleek900

Intersleek[®]900

Fluoropolymer foul release coating

Intersleek[®]900 is a unique, patented biocide free fluoropolymer foul release coating. Fluoropolymer chemistry represents the very latest advances in foul release technology, improving on the performance of even the best silicone based system, Intersleek[®]700.

Exceptionally smooth with very low levels of Average Hull Roughness combined with excellent foul release capabilities and good resistance to mechanical damage means that, all vessels above 10 knots can now benefit from foul release technology e.g. Tankers, Bulk Carriers and General Cargo Vessels.

Improving your fuel consumption and CO₂ emissions

Intersleek[®]900 offers proven fuel and emissions savings of up to 9% in comparison to biocide containing SPC (self polishing copolymer) antifouling. In-service experience on a range of vessel types has shown savings considerably higher than this. The potential exists for even greater savings in comparison to controlled depletion antifouling.

Biocide free

Intersleek[®] does not leach biocides into the sea. This offers cost advantages at the next drydocking on treatment and disposal costs of wash water and blasting abrasive plus enhanced Corporate Social Responsibility through an improved environmental profile.

VLCCs saving 9,000 tons of fuel

For a single VLCC currently coated with a self polishing copolymer antifouling, the application of Intersleek[®]900 could mean savings of 9,000 tonnes of fuel, a reduction in carbon dioxide emissions by 31,000 tonnes and saving around US\$3.6 million over a five year period.

Reducing global CO₂ emissions

We believe Intersleek[®]900 is a significant development which will have a positive impact on the environmental profile and fuel efficiency of the global fleet.

Find out how our customers have improved their operational productivity, reduced their fuel costs and enhanced their environmental profile by using Intersleek[®]900.

If all ships were coated with Intersleek[®]... we could reduce annual CO₂ emissions by 90 million tons.

Let's work together.

To find out more visit our website:
www.international-marine.com