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Pettit's Clean Core Technology takes another giant step in environmental friendly bottom paints

Pettit Marine Paint has led the way to provide boaters with dependable products that leave behind the smallest environmental footprint possible. Decades of research and product development have led to Pettit's new Clean Core Technology. This innovative new technology is being utilized throughout many products in Pettit's line of antifouling paints.

Clean Core Technology harnesses the power of natural and environmentally sustainable paint enhancers to fine-tune the amount of biocide released from the paint film, and reduces the amount of heavy metals found in traditional bottom paints by up to 90%. This precisely controlled release process means that you can get maximum protection for your boat over a longer period of time. Now you can have better antifouling performance while still maintaining a healthy respect for the environment.

All antifouling paints work by bringing biocides to the surface. A slow and steady delivery of fresh biocide ensures optimum performance. In the past, compounds containing heavy metals, such as zinc and cadmium, were used to help "control" the amount of biocide the paint released. Release rates were anything but an exact science using this method, and the addition of more heavy metals presented its own challenges in terms of environmental impact.

Searching for a better and cleaner way to regulate biocide release, Pettit scientists developed Clean Core Technology. This amazing formula uses a special blend of natural functional additives, combined with micro-sphere technology, to replace the heavy-metal compounds and phthalates found in traditional paints.

The natural and sustainable enhancers found in Clean Core Technology hydrolyze at specific controlled rates when in contact with water, providing an extremely precise and fine-tuned release of biocide. In fact, Clean Core Technology is so advanced, it actually responds to changes in the pH levels of the water, ensuring you get the antifouling protection you need, regardless of the conditions. It's not rocket science...but it's pretty close.

Extensive testing shows that this new technology works equally well with both hard and ablative paint films. With less cadmium, copper, zinc, and other metals in the film the bottom paint colors are crisper and cleaner. Less heavy metals also means a lighter paint film decreasing the vessel's weight and increasing fuel efficiencies.

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