Drag created by fouling, corrosion from marine environments, and fuel inefficiency from biomass are problems for all boat operators – from dinghies to tankers. For boat operators, the primary cost of fouling is increased fuel consumption when fouling drag creates poor hydrodynamics. The cost of hauling a vessel out of water to clean its hull or replace corroded metals can be staggering.

FoulX was developed to outperform any current salt- and freshwater fouling solutions including paints, epoxies, biocides and multi-formula systems. The simple two-part polymer of FoulX can be applied with minimal surface preparation and will adhere strongly, increasing the time between cleanings & haul-outs for all kinds of vessels.

FoulX is a water-based nanocomposite that is non-VOC and non-toxic. The topcoat prevents both corrosion and erosion of a boat’s surface substrates. The omniphobic properties repel water- and oil-based solutions, protecting boats and saving boat owners money.

Why FoulX?
FoulX creates a slick surface that prevents microorganisms from adhering, resulting in very low-friction. Many repellants exist, but are typically epoxies or paints with complicated, multi-formula processes, high VOC content, and long application times which makes them inconvenient to use. FoulX is a single two-part polymer that is mixed and then painted or rolled on. FoulX has an extremely long pot life compared to other polymers, yet cures in ambient temperatures in under one hour. The simplicity and user-friendliness of FoulX places it in a class of its own.

Key Characteristics:
- FoulX creates a low-friction surface and imparts erosion & corrosion resistance when applied in extremely thin coats (<4 mil)
- FoulX is omniphobic, repelling water- and oil-based solutions
- Lowers a ship’s drag coefficient through water/oil mixtures in contact with coated surfaces
- Non-biocidal, non-VOC formula is ecologically-friendly; FoulX releases fouling from the ultra-slick surface
- Strong adhesion and abrasion resistance increases time between maintenance haul-outs
- Long-lasting chemical resistance in both fresh and saltwater conditions
- Can increase fuel efficiency significantly (as much as 40%), saving money
- Cures rapidly at ambient temperatures, yet has a long pot-life after mixing, before application