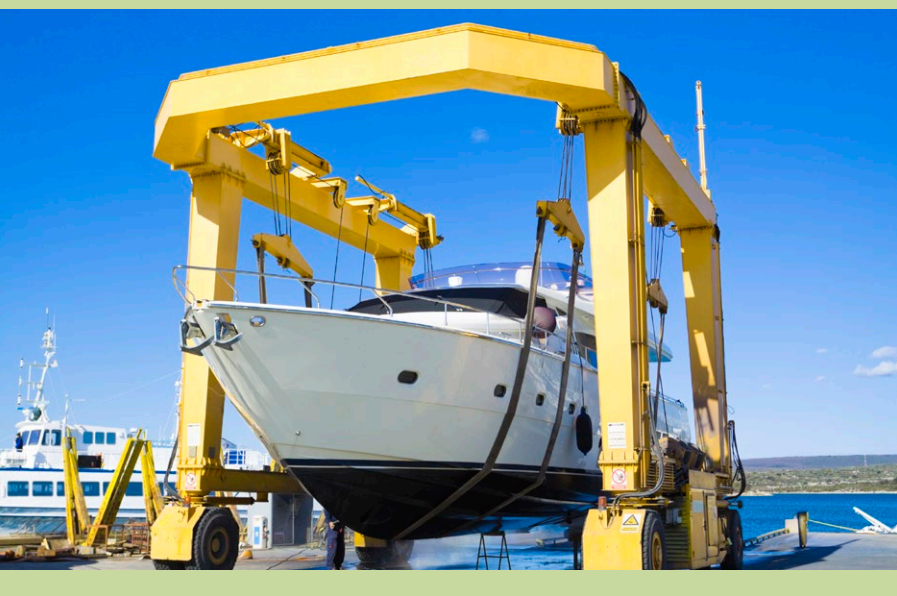
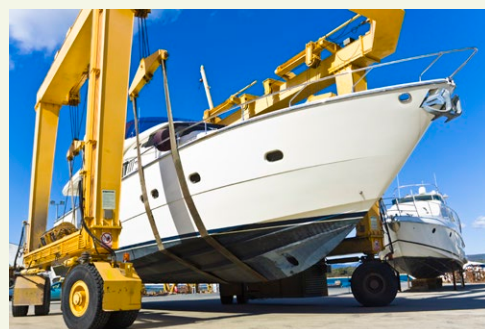


Marine Bearings Give Lift to Luxury Yachts

■ A partnership with TriStar gives you a competitive edge.



Ultracomp Bearings



Moving expensive luxury yachts and fishing trawlers is an extremely rugged, yet delicate marina function. The crane lifts must be strong enough to hold the extreme weight of vessels, yet precise enough to give crane operators dexterity when moving from storage to sea.

Ultracomp[®] marine bearings deliver on both accounts.

A major crane manufacturer approached us to replace their failing metal bearings on the pivot points of their [marine hoists](#). They cited how their original design specified metal bearings, but they soon discovered the metal components failed from exposure to wet sea spray and corrosive sea salt.

Our engineering team reviewed the design specs...

...and noted that plastic bearings would eliminate the corrosion challenge, plus all costs associated with greasing the metal bearings. We replaced the metal bearings inside the steel columns and pivot points of the hoists with Ultracomp. This durable plastic material has delivered strength and durability, plus the vibration resistance needed to excel in marine lifts.

Since installing [Ultracomp](#), our manufacturing partner now reports a significant improvement in the performance of their marine cranes.

Did you know that TriStar's bearings have helped to power the most-elite vessels in the world, including [America's Cup](#)?

Tell us about your experience with marine bearings!

We're ready to put our engineering expertise to work for you from prototype to production.

Engineering | Custom Fabrication | Manufacturing



CJ Composite

- Self-Lubricating
- Low weight | High Strength
- Chemical Resistance
- Direct replacement for Bronze



Ultracomp®

- Self-Lubricating
- High Load | Low Speed
- 54,400 PSI Compressive Strength
- Exceptional Resistance to Vibration and Impact



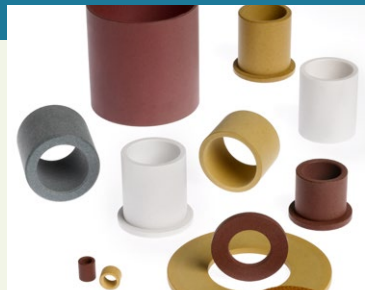
TriSteel™

- Self-Lubricating
- High Load | High Speed
- Metal Backed Bearing System
- 100% Lead Free



Rulon®

- Self-Lubricating
- Low weight | High Strength
- Low Coefficient of Friction
- Chemically Resistant



Enhanced Materials Division

- Plasma Surface Treatment
- Specialized Primers & Coatings
- Material ID & Selection
- Process Engineering | Analysis & Testing



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