CJ Composite Bearings Beat Bronze in Offshore Drilling

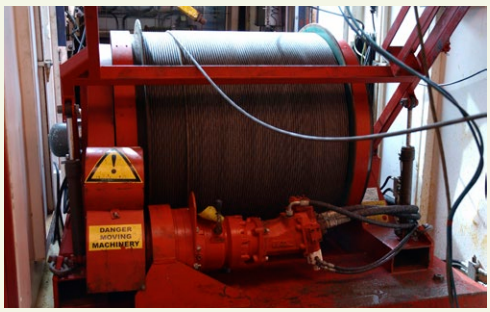
A partnership with TriStar gives you a competitive edge.

A major producer of offshore drilling equipment has struck oil with increased production after switching their bronze bearings to CJ composite bearings in their drilling operations. Plus they've reduced maintenance costs and now boast a more eco-friendly drilling process with grease-free composites.

As industry experts demand better monitoring of offshore drilling equipment, there's a renewed call for environmentally-friendly mining components.

Our partner designs offshore hydraulics such as drill spoolers and winches, and depends on CJ Composite Bearings to deliver not only an extra level of durability, but a secure, environmentally-friendly solution as well.

CJ Composite Bearings



An oil rig drill spooler

Why CJ bearings over bronze?

By simply replacing bronze bearings with composites on the drill spoolers (which control hauling of the cable lines), we helped our partner reduce bearing corrosion, increase drilling capacity and save on costly maintenance. And the grease-free, self-lubricating bearings have reduced oil spills in this environmentally-sensitive marine environment.

With CJ composites, there is no compromise in strength and durability compared to bronze, yet the materials run cleaner. CJs can easily handle the load, shock and vibration requirements of offshore drilling rigs, and will never corrode, even with prolonged exposure to sea water and salt spray.

Explore more CJ bearing applications in our new video or reach out for one-on-one assistance!

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

Engineering | Custom Fabrication | Manufacturing

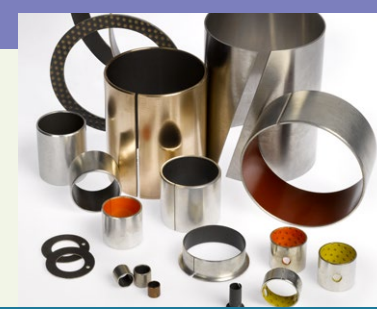
CJ Composite

- 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

TriStar

Engineered Plastic Solutions™

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