

Composite Bearings Replace Bronze to Improve Manufacturing Profits

■ A partnership with TriStar gives you a competitive edge.



CJ Bearings

We recently partnered with a goliath in the consumer products industry; a manufacturer who is known for delivering long-lasting energy devices that can be found in nearly every US household. We recently helped them improve their manufacturing rates by replacing lubricated bronze with greaseless composite bearings. And the results are powering the production lines to bigger profits.

Our partner reached out to us when their assembly team needed to continually halt production to solve maintenance problems on their filling and compaction machines. They noted that each time the line was stopped, production levels and profits were lost, and losses were quickly adding up to thousands of dollars per hour. Clearly, a maintenance- and grease-free bearing solution was needed to withstand this demanding 24/7/365 manufacturing environment.

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CJ composite bearings fill, compact and package

After a site visit and testing, [our engineering team](#) retrofitted the bronze press pistons and rod guides with durable CJ composite bearings; a material that has a load capacity similar to bronze, yet never needs regular greasing.

The new composites have given our client extended equipment uptime without the need for expensive maintenance. In fact, the press and compaction equipment performed so well, our client has even installed CJ composites on their packaging lines.

Since moving to composites, our client reports that both production levels and profits are up.

Want to learn how CJ composites can improve your profitability?

[Read how they last four times longer than bronze!](#) Or [request a composite bearing quote](#) for your next heavy-duty application!

1-800-TriStar [874-7827]

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



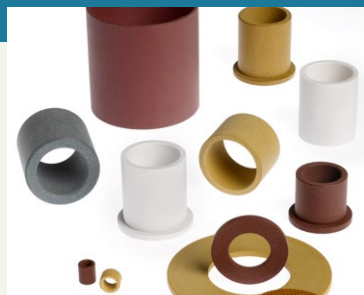
TriSteel[™]

- 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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