

CJ Bearings Cool Bottled Beverages and Facilitate Frosty Transport

■ A partnership with TriStar gives you a competitive edge.



CJ Bearings

Energy drinks, carbonated sodas, pasteurized juices, alcoholic spirits and even water are all available in convenient containers designed for portability and chilled for immediate consumption, then quickly delivered to your local retail outlet. Here's how we helped a major manufacturer of refrigerated truck compressors replace failing bronze bearings with reliable plastic.

Our client pioneered the concept of temperature control systems for cold beverage transport with an all-new refrigerated application. As a major manufacturer of cold-storage trailers, shipping containers and rail cars, their entire business model depends on reliable and consistent temperature performance. When the bronze bearings inside their truck compressors failed, the compressors were unable to produce consistent temperatures, which impacted the quality of their goods.

CJ Bearings have Significantly Improved the Temperature Reliability of the Compressors

The TriStar team paid a visit to the plant, and replaced the bronze bearings on the fan belt idler arms (located inside the compressors) with [CJ bearings](#). CJs are temperature resistant (from cryogenic levels to 300°F), and have negligible absorption rates in wet environments. Since they don't require lubrication you won't need to worry about maintenance or the potential for the grease to lose its viability in the freezing weather.

Explore more frosty applications with CJ in our [food packaging technical white paper](#)! You'll learn how plastic bearings can help you exceed production goals with dependable performance.

Want to learn more?

- [Explore the advantages of CJ composite bearings in our new video.](#)
- [Download the CJ & FCJ Brochure.](#)

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



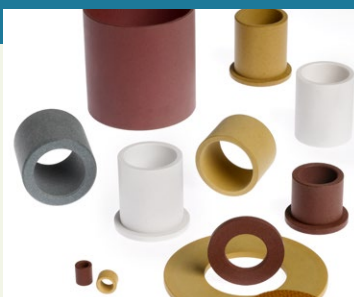
TriSteel[™]

- 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



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