

GYLON EPIX® Style 3504

Case Study: Beverage - dietary supplement drinks



Industry

Food & Beverage

Customer

Dietary Supplement Beverage Company.

Background

This dietary supplement beverage company makes well-known dietary supplement drinks at their plant using a steam retort to sterilize in batches after bottling.

Challenges faced

The customer manufactures nutritional supplements using a steam retort to sterilize in batches after bottling. They were experiencing loss of load on the trunnion doors that allow access to the bearings for maintenance and replacement. This resulted in leaks and gaskets being pulled into the process, due to high vacuum during the heating phase. The customer had previously used a competitor's skived, glass-filled PTFE material and had been experiencing gasket failure every three to four weeks.

Operating Conditions

1. Media: Saturated Steam
2. Temperature: 110 -121 °C
3. Pressure: 5-15 psi
4. Size: 8"W X 24"L IDS 15"W X 30"L

Solution and Benefits

Garlock recommended GYLON EPIX® Style 3504 in conjunction with new lubricated bolts. The customer purchased two gaskets for a test and the gaskets lasted for a full eight-week maintenance cycle with no issues.

Since GYLON® Style 3504 was already on the plant specs, no materials of construction were required when the plant switched to GYLON EPIX®.

For more information, please visit:

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