



## Case Packer

### Industry

Food and beverage processing.

### Solution Type

Maintenance cost savings and improved corrosion resistance.

### Description of Problem

A beverage bottling plant was experiencing failures on the standard cam followers used in a case packer. Due to the environment, excessive corrosion was resulting in reduced bearing life, which required the cam followers be replaced every three months.

### McGill® Solution

The standard cam followers were replaced with McGill CRES CAMROL® stainless steel cam followers, which were dimensionally interchangeable with standard cam followers.

### Product/Part Description

CF 7/8 SB CR

### Key Customer Need(s) and Benefits from McGill Product:

The bottling plant needed to increase cam follower life and extend the uptime for their case packer. The 400C series stainless steel components and LUBRI-DISC®+ Seal incorporated into the McGill CRES CAMROL Cam Follower helped provide increased corrosion resistance and the plant was able to meet their goals.





# CRES CAMROL® Stainless Steel Cam Follower

In addition to the standard McGill® CAMROL cam follower bearing features, CRES CAMROL cam followers utilize stainless steel materials, LUBRI-DISC® + seals and H1 food grade grease. Our seal design incorporates aerospace technology to help prolong bearing life in a variety of corrosive environments.

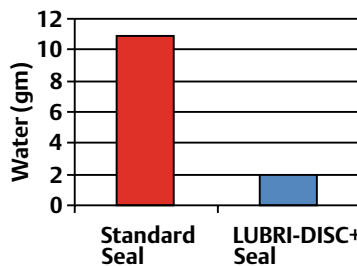
## Components Material

Bearing Races	440C Stainless Steel
Needles	440C Stainless Steel
Seal	LUBRI-DISC + Seal

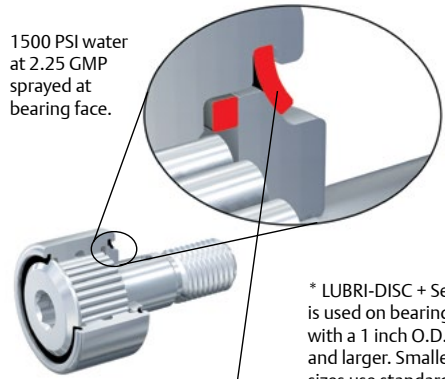
## Features and Benefits

440C Stainless Steel	More corrosion resistant than common bearing steel.
Zone Hardened Raceway	Provides a hardened raceway for load capacity and stem ductility for absorbing shock loads.
LUBRI-DISC + Seal	Improved contamination resistance and lubrication retention.
H1 Food Grade Grease	Non-toxic grease with good corrosion resistance and wash out properties.

## Water Entry Comparison



1500 PSI water at 2.25 GMP sprayed at bearing face.



\* LUBRI-DISC + Seal is used on bearings with a 1 inch O.D. and larger. Smaller sizes use standard LUBRI-DISC Seals.

## LUBRI-DISC + Seal\*

Provides up to five times better protection against washdown than standard seals. McGill originally developed this seal to meet the tough demands of aerospace applications.



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### APPLICATION CONSIDERATIONS

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