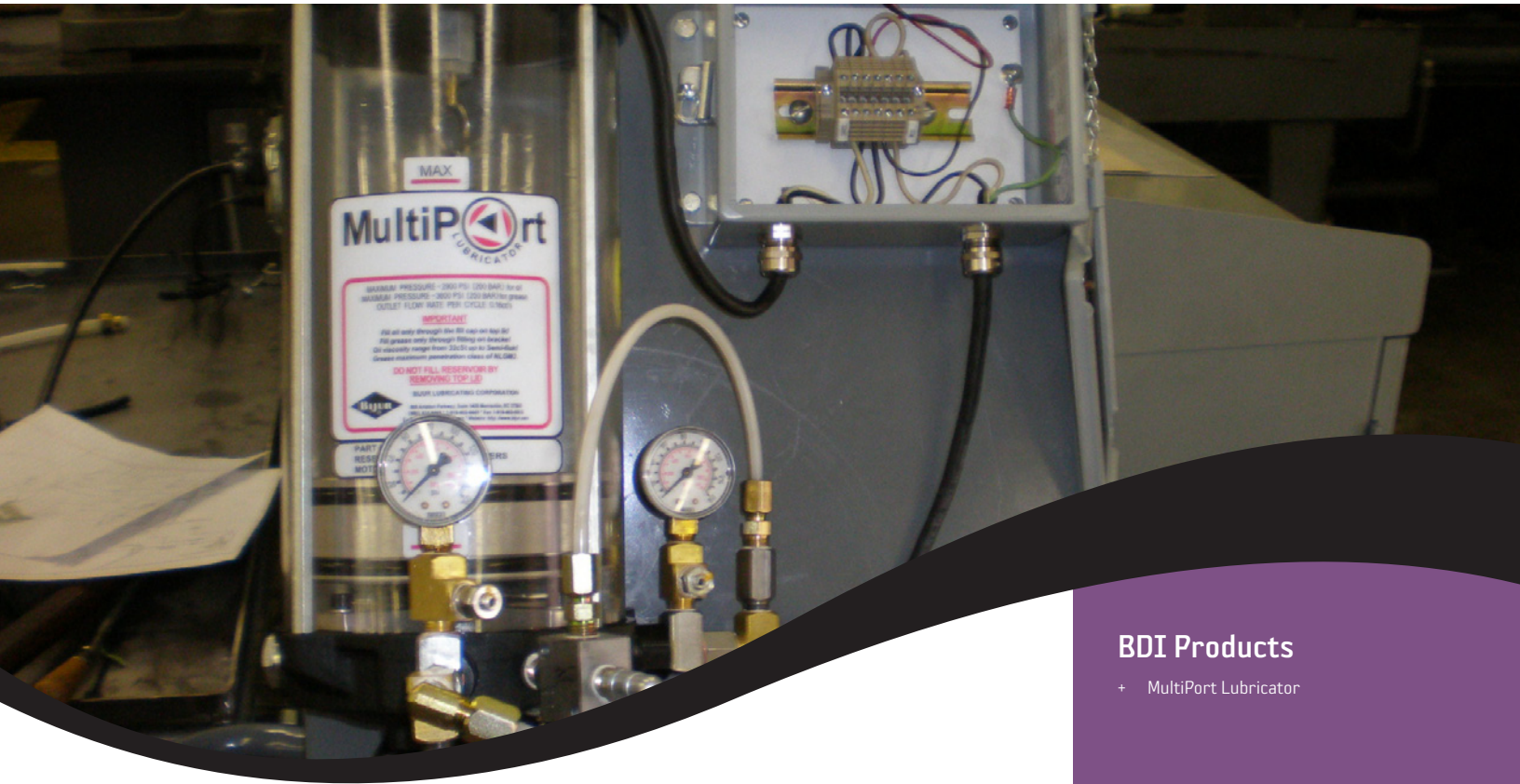


# Application Success

## Packaging



### Application Overview

High speed filling equipment used to fill large size bladder bags that contain bacterial hand soap.

### Why Automatic Lubrication?

Specialized dispensing source for very expensive NLGI grade 3 food/medical lubricant. Spray nozzle can only handle 70 psi (5 bar) lubricant inlet supply pressure, lubricant application critical to neck area of bladder bag, applying 0.0027cc (0.00017 cu. in.) per shot, wasting lubricant is critical in this application, 35 lb pail costs \$3600 each.

### BDI Products

- + MultiPort Lubricator

### Advantages

- + High level of reliability
- + Local distribution and support
- + Wide range of system types to accommodate unique machine arrangements.
- + Positive pump source able to pump heavy grade lubricant consistently
- + Distributor added value, the lube package is being supplied on a panel, with electronic monitoring.
- + MultiPort is robust and is tried proven pump that can meet customer's expectations: electric, small positive output in consistent fashion, meets budgetary expectations.

*Please contact factory for additional information on this or any other application.*

## Products Utilized for Packaging

### *MultiPort Lubricator*

+ **Description:** 24 VDC, 4 liter (8 lb) reservoir, grease, 2 outlet, with a low level switch

The MultiPort Lubricator is a rugged, motor-driven, electric lubricator, equipped with fixed output pumping elements to discharge grease or oil over a wide operating range. Low level switches are standard on this compact unit. Up to three independent feed lines can be used with the MultiPort Lubricator. A selection of timers and controller/monitors are available to program MultiPort Lubricators.



## Typical System Layout

System consisted of a 24 VDC MultiPort Lubricator with two outlets and was controlled by a customer PLC. The Bijur Delimon distributor provided a value added benefit by mounting the MultiPort Lubricator on a panel with an electrical panel enclosure. The assembly was pre-wired. All the customer had to do was bring power to the terminal strip.

Refer to the following datasheets:

+ *Datasheet #35505:*  
*MultiPort Lubricator*

## Background

This application has resulted in 20 MultiPort Lubricators being sold to the customer. They needed a small amount of a special, very expensive NLGI grade 3 food/medical lubricant applied to the neck of a container bladder bag so that it fit correctly onto a soap filling device. The MultiPort is being used as a positive pump source to prime the inlet of a small spraying/dispensing valve that dispenses 0.0028cc (0.00017 cu. in.) of this lubricant every few seconds.

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