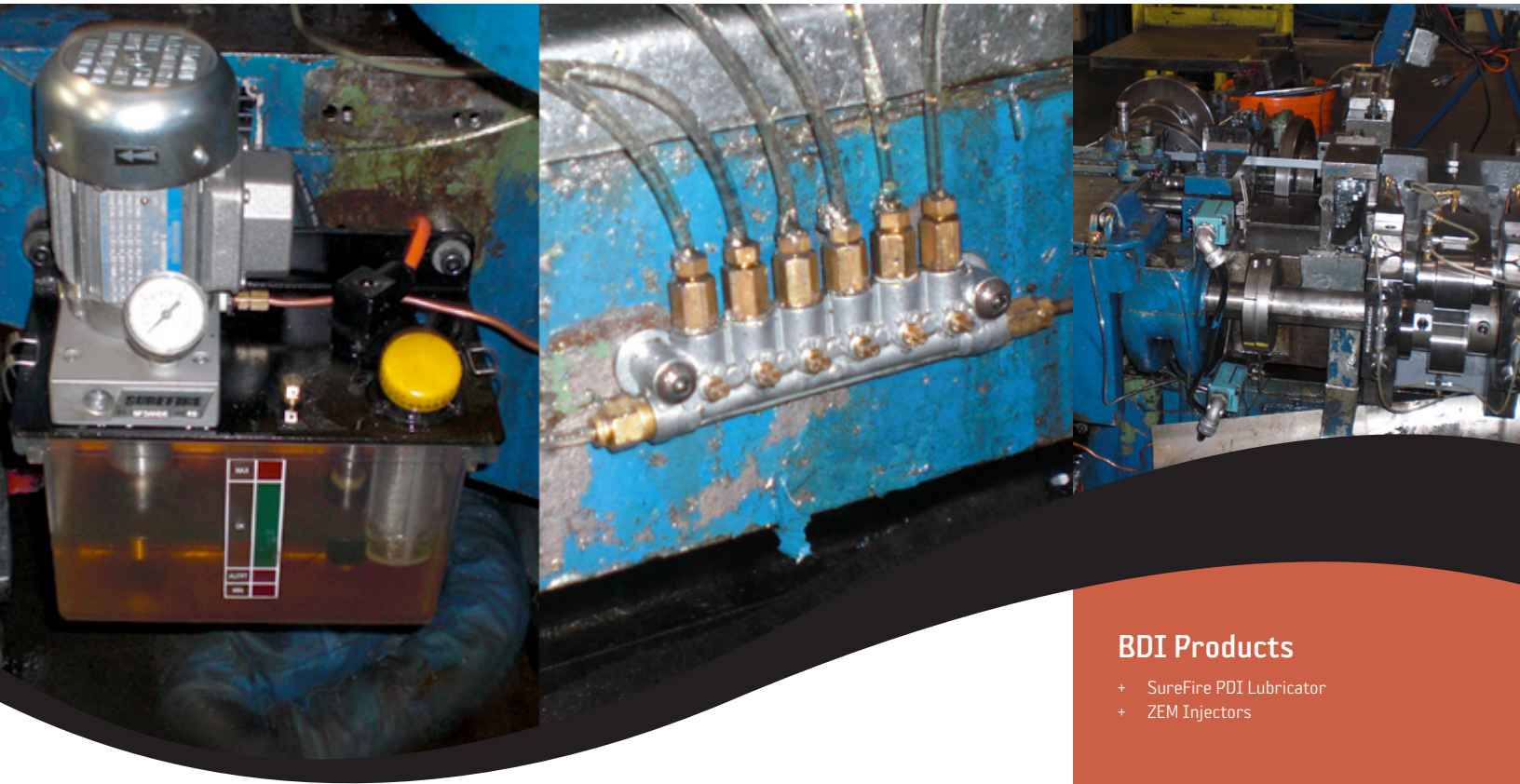


Application Success Story

Machine Tools



Application Overview

Metal stamping. Lubricate bearing points on the multi-slide coil feed stamping machine.

Why Automatic Lubrication?

Due to all the moving parts in the machine, manual lubrication is not possible. Customer decided to try Bijur Delimon products after one of their older oilers failed. They found the BDI system outperformed their old imported oiler.

BDI Products

- + SureFire PDI Lubricator
- + ZEM Injectors

Advantages

- + Cost effective system
- + SureFire Lubricator works so well that the user had to extend lubrication oil intervals
- + Customer was able to use less oil because the positive displacement injectors fired a known amount of oil into each lubrication point on a preset basis
- + Local distribution and support
- + High level of reliability
- + All system components from one source

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

Products Utilized for Metal Stamping Machine

SureFire PDI Lubricator

+ **Description:** Electric motor driven unit, controlled by customer PLC

The SureFire PDI Lubricator is an automatic, robust and durable pump that can handle oil and soft greases. Its compact size is designed to fit your space requirements and lubrication demands. The SureFire PDI lubricator is a self-contained electric motor-driven gear pump that can adapt to a broad range of production machinery. It can handle single injectors or injector groups serving up to 100 lubrication points. Its versatility also allows it to perform with other lubrication system types and multiple applications.



ZEM Injectors

+ **Description:** Supplied in manifolds from 1 to 5 injectors

The ZEM Series Injectors line are positive displacement injectors (PDI) that deliver precise and controlled lubrication outputs which meet exact requirements for diverse applications. They are pre-fixed volumetric injectors that help ensure each lubrication point receives the proper amount of lubricant. Which means you won't have to worry about over or under lubrication.



Typical System Layout

SureFire PDI Lubricator with ZEM Injectors. 35 lubrication points. All lubrication points were connected with easy to install nylon tubing. This allowed the complete installation to go very quickly.

Background

Customer previously used a different product but recently switched to a Bijur Delimon automatic lubrication system. The previous oiler was unreliable and caused too much unscheduled down time. Repair parts were unavailable making replacing the entire oiler the only option, unlike the Bijur Delimon system which has repair parts. Bijur Delimon was able to provide an on-site survey of the customers current lubrication needs and then install the new system.

Refer to the following datasheets:

+ *Datasheet #35465:*
SureFire PDI Lubricator

+ *Brochure #200:*
SureFire PDI Lubricator

+ *Datasheet #35135:*
ZEM Injectors

BIJUR DELIMON INTERNATIONAL

(919) 465 4448 LOCAL
(800) 631 0168 TOLL-FREE
(919) 465 0516 FAX

WWW.BIJURDELIMON.COM

2100 Gateway Centre Blvd., Suite 109
Morrisville, NC 27560

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

AS024 • 08/10