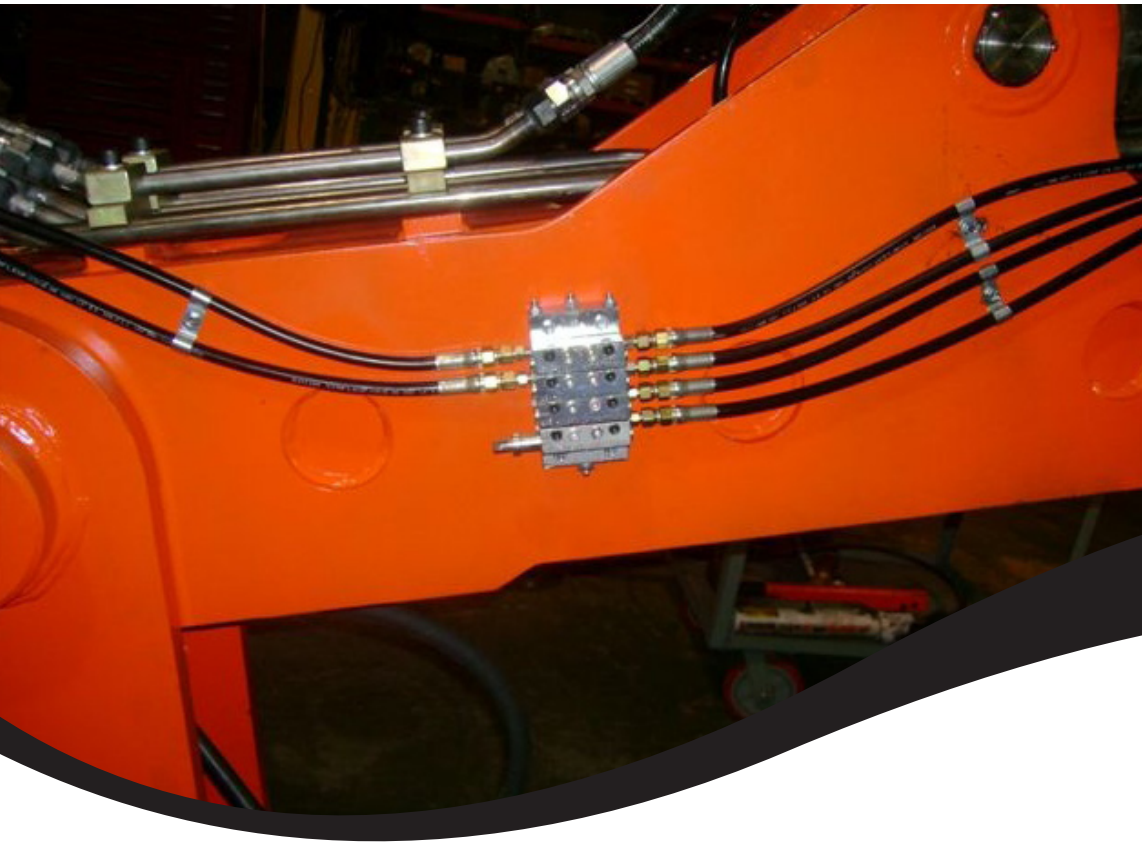


# Application Success Story

Mining



## Application Overview

Cement hammers and breakers are used in the construction, demolition and aggregate industries. Lubricate grease points on cement hammers and breakers.

## Why Automatic Lubrication?

Most of the lubrication points are not easily accessible. Single point, manual and series progressive design allows the user to service and lubricate 12+ lubrication points from one central point in a quick and positive fashion. This design allows a centralized automatic pump/timer to be added easily at any point in time.

## BDI Products

- + M2500 Series Divider Valve

## Advantages

- + Clean lubricant being applied to bearings points.
- + Positive, measured lubricant to all points.
- + System can be updated from manual to automatic very easily.
- + System features modular feeders that are robust for mobile applications.
- + Cost effective system
- + Longer maintenance intervals
- + All system components from one source.

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

## Products Utilized for Cement Hammers and Breakers

### *M2500 Series Divider Valve*

+ **Description:** Master valve with indicator pin

The M2500 Series Divider Valve Manifolds are the principal components of a progressive lubricating system. Modular construction makes these blocks easy to install, modify and maintain, without removing any tubing.



## Typical System Layout

A typical system consists of M2500 valve(s) mounted on equipment frame. The grease outlets on the M2500 are then connected to the various grease lubrication points with high pressure hose. This allows the operator to manually grease many bearings & bushings (20 max) from a single grease connection point. The simple addition of a grease pump in the future would make the lubrication system completely automatic.

## Background

Cement hammers and breakers are used in the construction, demolition and aggregate industries. This application requires a pedestal boom that mounts the breaker mechanism in a fixed working position. The moving boom has lubrication points that allows the entire pedestal portion to rotate, pivot and reach.

Bijur Delimon International can offer positive lubrication to the points in the system. BDI's distributor provided design and install assistance. They also proposed to upgrade the lubrication system to fully automatic with monitoring capabilities at any point in the future.

Refer to the following documents:

+ *Brochure #216:*  
*Modular Valves for Central  
Lubrication Systems*

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