About Us

Bijur Delimon International® is home to some of the most revered brand names in the Lubrication Industry: Bijur, Delimon, Denco, Farval and LubeSite. Beginning with Joseph Bijur's chassis lubrication developments for world renowned Packards of the 1920s and the 1934 Chevrolet in the United States, then moving into Europe during the early 1950s, and into the 21st Century with tram and train lubrication systems... Dependable automated chassis lubrication has always been a part of the Bijur Delimon family heritage.

Since those early days, Bijur Delimon International® has grown to become a global leader in the area of industrial and specialty lubrication systems. We now operate major design, manufacturing, sales and logistic facilities in nine major markets and employ over 1,000 skilled professionals and craftspeople. Serving customers on six continents, our expertise in providing engineered lubrication system solutions for on and off road, freight and passenger transport, rail flange, construction and mining industry applications is well documented. Our knowledge of engineered products, profound respect for the integrity of established industrial principles, practical proven integration of new technologies and maintenance of an exceptionally sound financial base not only enable us to provide for the wishes of our customers, but allow us to develop and nurture enduring customer relationships.

Research, Development, & Applications Engineering

Demanding applications require engineered solutions. We go the extra mile to ensure that all aspects of a particular situation are well defined and clearly understood before making recommendations for designs that completely satisfy your needs. Given the stressful environments that our products must endure, every aspect of movement, pressure, temperature, corrosion, service life and materials are taken into consideration to assure that our customers achieve optimum performance from our solutions. At Bijur Delimon, we fully subscribe to the principles and specifications of the American Society of Mechanical Engineers (ASME) and the numerous governing bodies and engineering organizations which guide our work on a global basis.

Utilizing the latest developments in 3-D CAD/CAM technology, Finite Element Analysis and more, our highly trained engineers work diligently to ensure that due care and diligence is a way of life, and that our customers always receive the best recommendation for their specific needs.

World Class Manufacturing

Quality is a given in everything we do. Our customers expect nothing less. Bijur Delimon insists that all of our facilities employ and utilize the latest in state of the art technology, ensuring that critical 3-D CAD/CAM dimensioning is downloaded directly to best in class machining cells and assembly stations, assuring proper interpretation and communication of your needs. Quality Assurance personnel are there every step of the way to insure that each exacting detail of our product has been achieved as intended.

Vehicle Applications

- Excavator
- Haul Truck
- Dazer
- Hammer/Breaker
- Log Loader
- Knuckleboom Loader
Premium Mobile Product Line

Automatic Lubrication

Tough applications require rugged, reliable lubrication systems. Premium Automatic Lubrication Systems from Bijur Delimon International® are engineered to perform in the most severe conditions; extremes of heat and cold, extremes of dirt, dust, and moisture; 24 hours a day, 7 days a week. Bijur Delimon is the only brand you need to know to satisfy all of your mobile lubrication requirements!

Premium Systems include standard features that are optional, or even unavailable, on competitive systems. Features such as low level monitoring, monitoring of pressure switches or cycle switches, password protection of system settings, and the ability to use standard NLGI grease or SAE oil.

Products

Dynamis® Lubricator; Dynamis® MAXX Lubricator; CXL Injectors, FLM Injectors, ZPA Divider Valves

Features

- Three Year Warranty
- Choice of High-Pressure Injectors or Series Progressive Dividers
- Use NLGI standard greases; 000, 00, 0, 1, 2 or SAE oils
- Integral controls, including password protection
- Low lubricant level monitoring
- Pressure Cycle or Divider Cycle monitoring
- Dash mounted warning light
- For large equipment and extreme-duty applications
- Large capacity reservoirs equal fewer refills and increased run time
- +70°C to -30°C Operation
- IP67 dust free and power wash-down protection
Automatic Lubrication

Manual lubrication often creates a feast-or-famine situation, resulting in poor equipment performance and increased equipment repairs. Automatic lubrication systems from Bijur Delimon are designed to deliver precise, metered quantities of grease to critical lubrication points at regular intervals, matching lubrication system equipment with application requirements.

Automatic lubrication also provides a safer environment for your operators and technicians because there is no need to crawl over and under the machine to service hard-to-reach lubrication points. Lubrication “on-the-go” also provides improved distribution of grease within the lubrication points, reducing wear, and extending equipment life.

Reservoir sizes can be selected to coordinate refill intervals with other routine service, such as oil changes or tire inspections, further reducing equipment downtime.

Products

MultiPort® Lubricator, TTN Lubricator, AeroFlow® Lubricator, PVBM Divider Valves, GXL Injectors

Vehicle Applications

- Landfill Compactor
- Concrete Mixer
- OTR Tractor
- Delivery Truck
- Snow Plow
- Refuse Vehicle
Basic Mobile Product Line

Features

- One Year Warranty
- Centralizes routine lubrication points to a few easily-accessible points
- Reduces lubricating time
- Use your preferred grease
- No missed lubrication points
- Proper apportionment of grease
- Improved health and safety; no climbing or crawling over equipment
- SureShot® Kits include: Series Progressive Divider, tubing and fittings
- SureShot® systems are easily upgraded to automatic lubrication
- +50˚C to -5˚C Operation

Automatic and Centralized Manual Lubrication

Manual lubrication can be time consuming and allow too much room for human error. SureShot® systems by Bijur Delimon are engineered to improve your manual lubrication program by bringing multiple lubrication points to a few centralized and readily accessible service points.

SureShot® helps to assure delivery of the right amount of grease to every lubrication point every time. Improved lubrication reduces equipment wear, resulting in fewer repairs, less maintenance expense, and increased operating time.

SureShot® also reduces the time needed to manually lubricate your equipment. Equipment operators can focus on running your machinery, while lube technicians can service more machines, in a safer environment.

Products

BL3 Lubricator, Battery-powered grease gun, GJM & VXLD Series Injectors, SureShot® Kits
### Mobile Accessories & Components

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMDC Controller</td>
<td>Standard lubrication controller for use with series progressive or injector systems. Simple, linear programming via four button interface.</td>
</tr>
<tr>
<td>pCo Controller</td>
<td>Premium lubrication controller for use with series progressive or injector systems. Simple, linear programming via five button interface. Multi-lingual, password-protected, fault history.</td>
</tr>
<tr>
<td>Pressure Switch</td>
<td>Verifies required pressure build-up and relief in injector systems.</td>
</tr>
<tr>
<td>Cycle Switch</td>
<td>Verifies proper divider valve cycling in series progressive systems.</td>
</tr>
<tr>
<td>M2500G Limit Switch</td>
<td>Provides added insurance to verify that lubrication cycles have been completed as intended.</td>
</tr>
<tr>
<td>Dash Light</td>
<td>Alerts equipment operator to a system issue, such as low lubricant level or failure to cycle.</td>
</tr>
<tr>
<td>Brake Counter</td>
<td>Allows installation of AeroFlow® pneumatic pump on vehicles that do not have a continuous source of electrical power, such as trailers.</td>
</tr>
<tr>
<td>Hoses and Tubing</td>
<td>Bijur Delimon International® provides all of the feed lines and hardware needed to complete a lubrication system installation.</td>
</tr>
<tr>
<td>Fittings</td>
<td>A complete and diverse array of adapters, connectors, and swivels are available to complete any installation.</td>
</tr>
<tr>
<td>Factory Direct Replacement Parts</td>
<td>A full line of replacement reservoirs, filter cartridges, tubing, hoses and equipment is available to keep you up and running.</td>
</tr>
<tr>
<td>Oil &amp; Grease Line Strainers</td>
<td>Line strainers remove foreign particles from grease and oil lines in lubricating systems.</td>
</tr>
<tr>
<td>Shop Equipment</td>
<td>Bijur Delimon International® offers a full range of barrel pumps, hose reels, dispensing valves and grease guns to compliment your manual or automatic lubrication program.</td>
</tr>
</tbody>
</table>
**Typical Return On Investment (ROI)**

**Automatic Lubrication on Over-The-Road (OTR) Tractors**

<table>
<thead>
<tr>
<th></th>
<th>Cost/Parts</th>
<th>Cost/Labor</th>
<th>Total Hrs</th>
<th>Cost/Parts</th>
<th>Cost/Labor</th>
<th>Total Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>No. of parts</strong></td>
<td>$1,576.00</td>
<td>$2,850.00</td>
<td>38</td>
<td>$1,576.00</td>
<td>$2,850.00</td>
<td>38</td>
</tr>
<tr>
<td><strong>No. of hours</strong></td>
<td>$1,320.00</td>
<td>$1,320.00</td>
<td></td>
<td>$1,320.00</td>
<td>$1,320.00</td>
<td></td>
</tr>
<tr>
<td><strong>Lost Revenue</strong></td>
<td>$6,720.00</td>
<td>$6,720.00</td>
<td></td>
<td>$6,720.00</td>
<td>$6,720.00</td>
<td></td>
</tr>
<tr>
<td><strong>Lifetime cost of Repairs</strong></td>
<td>$10,128.00</td>
<td>$10,128.00</td>
<td></td>
<td>$10,128.00</td>
<td>$10,128.00</td>
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</tr>
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</table>

**Automatic Lubrication on Excavator**

<table>
<thead>
<tr>
<th></th>
<th>Cost/Parts</th>
<th>Cost/Labor</th>
<th>Total Hrs</th>
<th>Cost/Parts</th>
<th>Cost/Labor</th>
<th>Total Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>No. of parts</strong></td>
<td>$1,490.00</td>
<td>$2,190.00</td>
<td>28</td>
<td>$1,490.00</td>
<td>$2,190.00</td>
<td>28</td>
</tr>
<tr>
<td><strong>No. of labor</strong></td>
<td>$750.00</td>
<td>$750.00</td>
<td></td>
<td>$750.00</td>
<td>$750.00</td>
<td></td>
</tr>
<tr>
<td><strong>Lost Revenue</strong></td>
<td>$4,200.00</td>
<td>$4,200.00</td>
<td></td>
<td>$4,200.00</td>
<td>$4,200.00</td>
<td></td>
</tr>
<tr>
<td><strong>Lifetime cost of Repairs</strong></td>
<td>$7,790.00</td>
<td>$7,790.00</td>
<td></td>
<td>$7,790.00</td>
<td>$7,790.00</td>
<td></td>
</tr>
</tbody>
</table>

Features

• Designed to endure continuous duty
• Choice of injector or dual line valve systems
• Economical for large systems
• Points can be added without complete redesign
• Blockage between main line and bearing does not stop entire system
• Indicators available for each bearing point
• Discharge volume can be “fine-tuned” following installation
• Compatible with a broad range of lubricants

Overview

Finding valuable commodities is one thing. Harvesting and processing them is quite another. From Indonesia to South Africa, from the Rocky Mountains to the mines of Sudbury, Bijur Delimon International® provides you with the latest in large system lubrication technology aimed at ensuring that your processing operations keep the world supplied with the fuel that runs our economies. Over the years we have partnered with some of the largest mining and containerized transport companies in the world. Thus, the expertise we have gained in the field has enabled us to develop one of the most complete lines of extreme duty centralized lubrication systems available.

Delivery System Products

Features

• Choice of Dual Line Dividers or Injectors
• Rugged, dependable, proven designs
• Zinc-nickel, nickel and stainless finish
• Precise metering of lubricants
• Fixed or adjustable output
• Pre-assembled manifolds or enclosures
• Heated dispensing options for frigid environments
• Engineered for optimum performance with lube system pumping stations
• Custom designed spray lances that meet individual gear system requirements
• Pinion applicators offer precise control

Overview

Providing the right amount of lubricant to chains, gears, bearings, slides and cables is critical to operations. Doing it under any and all environmental conditions requires a solid knowledge and understanding of what your industry is all about. Design and applications engineering takes the forefront at Bijur Delimon International® in dealing with our clients. We ensure that your most demanding and exacting lubrication system requirements and expectations are properly identified and defined, then professionally addressed and satisfied.

Distribution and Reversing Valve Products

Extreme Duty Product Line

Features

- IP-56 Enclosures; explosion proof options available
- Chemical and temperature resistant
- Four language support (English, French, Spanish, German)
- CE approved versions
- Compatible with PNP, NPN and mechanical switches
- Easy to use programming
- Time or machine based operation
- Water tight in dripping and spray environments

Overview

Dependable system operation requires a reliable controller. Given the wide variety of lubrication system choices afforded to our clients, Bijur Delimon International® offers a wide range of controller options specifically designed to suit your needs. From basic program execution to sophisticated digital system interface, the applications professionals at Bijur Delimon are ready to assist you in the selection of a dependable controlling option that suits your requirements.

Controller Products

SC400 Controller, pCo Controller, Siemens® S7 Controller, plus a wide variety of custom and auxiliary equipment.

Rail Flange Lubrication Systems

The fact that the globe’s motive power OEMs and operators overwhelmingly specify and install more rail flange systems from Bijur Delimon than from any other competitor speaks volumes about our world class design, manufacturing and applications expertise. Whether your primary interest lies in reducing wheel and flange wear, meeting noise abatement ordinances, or both, the Bijur Delimon Rail Team is ready to provide you with engineered solutions which meet or exceed your needs and expectations.

For detailed information on products pertaining to RailJet®, on-board and StaTrak® trackside systems, inclination and curve sensors, or our selection of spray nozzles and accessories, please request Brochure #IND7G.

Product Installations

- RailJet Nozzle
- Custom Station
- Gear Spray Lance
- BS-B Station
- pCo Controller
- Custom Station
Total Lubrication Management & Installation Services

Services We Provide

It used to be that if you designed and built an oil or grease pump, you were in the lubrication system business. Well, those days are gone! Modern and efficient transportation operations – on-road, off-road, intermodal, and rail – demand much, much more to offset the daily stress and strains of today’s competitive environment.

Total Lubrication Management Programs from Bijur Delimon International® address those demands. From your first call, and through the selection and installation process, our lubrication professionals are ready to help you through the maze of design, application, selection, installation and after-the-sale maintenance. We develop a customized strategy that works right for you, day in and day out.

Lubrication Management Services

- Bearing surveys
- Calculation of lubrication requirements and intervals
- Training (system design, daily operation, and maintenance services)
- Commissioning and start-up assistance
- Turn-key installation of lubrication systems, including a complimentary first service call.
- Service agreements for all brands of lubrication systems, including:
  - Top-off of lubricant reservoir
  - Visual and functional check of lubricator, controller, and metering devices.
  - Visual check of all lubricant feed lines
  - Verification of system settings
  - Replacement of routine service items (filters, strainers, etc.)
  - Detailed report of any recommended repairs and/or services

Factory Installation Services

We provide field maintenance and installation on any vehicle for the following industries:

- Agricultural
- Construction & Mining
- Forestry
- Municipal & Vocational
- Trucking & Intermodal
- Oil & Gas
- Freight & Passenger Rail flange lubrication systems with manual, automatic, incline or curve and GPS controllers
- Airport trams, subway surface systems, on-board locomotive, track-side applications, noise abatement, and rail wear

Engineering Services

- Complete applications design and support
- Factory-engineered kits specific to your vehicle or equipment including lubricator, controller, metering devices, tubing, hose, fittings, and hardware.
- Custom OEM product designs & prototyping
- Specialty product development
- Cold weather environmental customization
- Severe application and heavy duty enclosures
- Kitting and custom bill of material preparation
- Product testing and evaluations
- DFMEA and PFMEA analysis
- 2D and 3D CAD modeling
Innovators of engineered lubrication technology since 1872

Bijur Delimon International operates engineering, sales, manufacturing and logistical service centers in nine strategic locations around the globe while constantly striving for improvement in everything we do. Our customers, internal and external, expect nothing less!