

Oil Circulating Systems for Cement Kilns



FEATURES & BENEFITS

- Reduction of start-up wear
- Maximize the potential for hydrodynamic lubrication
- Installed circulation system removes contaminants (filter) and cools the oil allowing maximized oil and bearing life
- Lower operating and maintenance costs
- Greater dependability and reduced wear
- Reduced risk of lubrication related breakdowns
- Extended service intervals

Adding a Bijur Delimon lubrication system increases equipment life by decreasing wear on vital components.



For more information about this product, contact us at (+1) 800-631-0168 or sales@bijurdelimon.com

CEMENT LUBRICATION SOLUTIONS

Pressurized lubrication, replacing the bath type lubrication, is used to lubricate the trunnion (Babbitt or Journal) bearings. Bearings (qty 4) are located on each Pier that support the wheel (often called the tire), which in turn supports the Kiln. Oil is circulated to the bearings from a reservoir, or from the bearing housing. Filtration and cooling is then provided to the bearing.

Complete Design, Engineered and Manufactured Solutions for Your Application

Bijur Delimon has recognized that the reliability and efficiency of a successful Oil Circulating System (Lube Oil Skid) requires it to fulfill the following key functions:

LUBRICATION

Supplying the appropriate quantity of lubricant at the required viscosity, temperature and pressure to a bearing to prevent failure.

COOLING

By maintaining the system oil temperature and flow rate at the required parameters, the heat generated by the motion and load of bearings is removed, ensuring that lubrication is provided at the optimum performance level.

FILTRATION

It is critical to remove contaminants, such as dust, wear particles, water, and other extraneous materials that build up during the operation of bearings. The lubricant needs to be continually filtered to the correct cleanliness level prior to being recirculated.

ENCLOSURE

Systems that are fully enclosed can be supplied protecting the systems and components from the elements.

COMPLETE DESIGN SOLUTIONS

We pride ourselves on our ability to deliver the complete engineered design solution. With over 70 years of commercial experience, our dedicated team can cater for any set-up requirements and will guide you every step of the way from concept through to completion.

Bijur Delimon Design and Support Teams work closely with customers, component suppliers and lubricant manufacturers to ensure our Oil Circulating Systems achieve the system performance levels required.



OPTIONAL ENCLOSURES AVAILABLE



Protect mechanical and electrical components from dust, dirt, oil, water, and other contaminants.

BIJUR DELIMON'S INDUSTRY LEADING FAMILY OF BRANDS



DELIMON

Farval®

