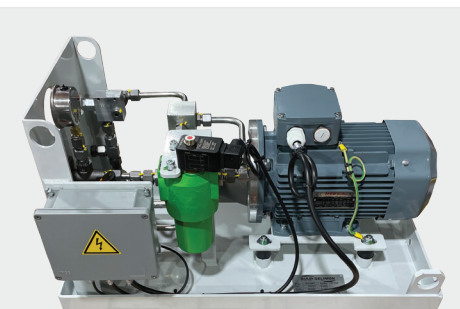


Oil Circulating Systems for Ball Mills



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 bearings at each end of the ball mill. Pressurised and Circulating oil replacing the bath type lubrication is used to lubricate the Trunnion Bearings at each end of the Ball Mill.

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 functions:

JACKING (LIFT) SYSTEMS

High Pressure & Low Flow is required to be supplied to the bottom of the Trunnion before the Ball Mill is set in motion. This High Pressure lubricant lifts the Mill to enable it to roll and avoid damaging metal to metal surfaces. Once lifted and rolling the lubrication (low pressure & high flow) can be started.

LUBRICATION SYSTEMS

Low Pressure /High Flow oil is circulated from a reservoir to the top of the Trunnion bearing. The low pressure oil coats the journal and other bearings surfaces, helping with oil wedge formation when rotation has been achieved. The high flow circuit will deliver the filtered and cooled oil to the bearing.

LIFT & LUBE SYSTEMS

Individual Jacking and Lubricating circuits can be combined in one “Lift & Lube” system. Common reservoir with individual pumps, filters, and heat exchangers as required.

FILTRATION

It is critical to remove contaminants such as dust, wear particles, water and other extraneous materials that build up during bearing operation. The Lubricant needs to be filtered to the correct cleanliness level prior to being circulated and will extend the life of the oil and bearing.

COOLING

Cooling the oil will maintain the correct viscosity of oil required at the bearings, ensuring the lubricate maintains its optimum performance level and extending the life of the oil and bearing.

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

BIJUR DELIMON'S INDUSTRY LEADING FAMILY OF BRANDS



DELIMON

Farval®

