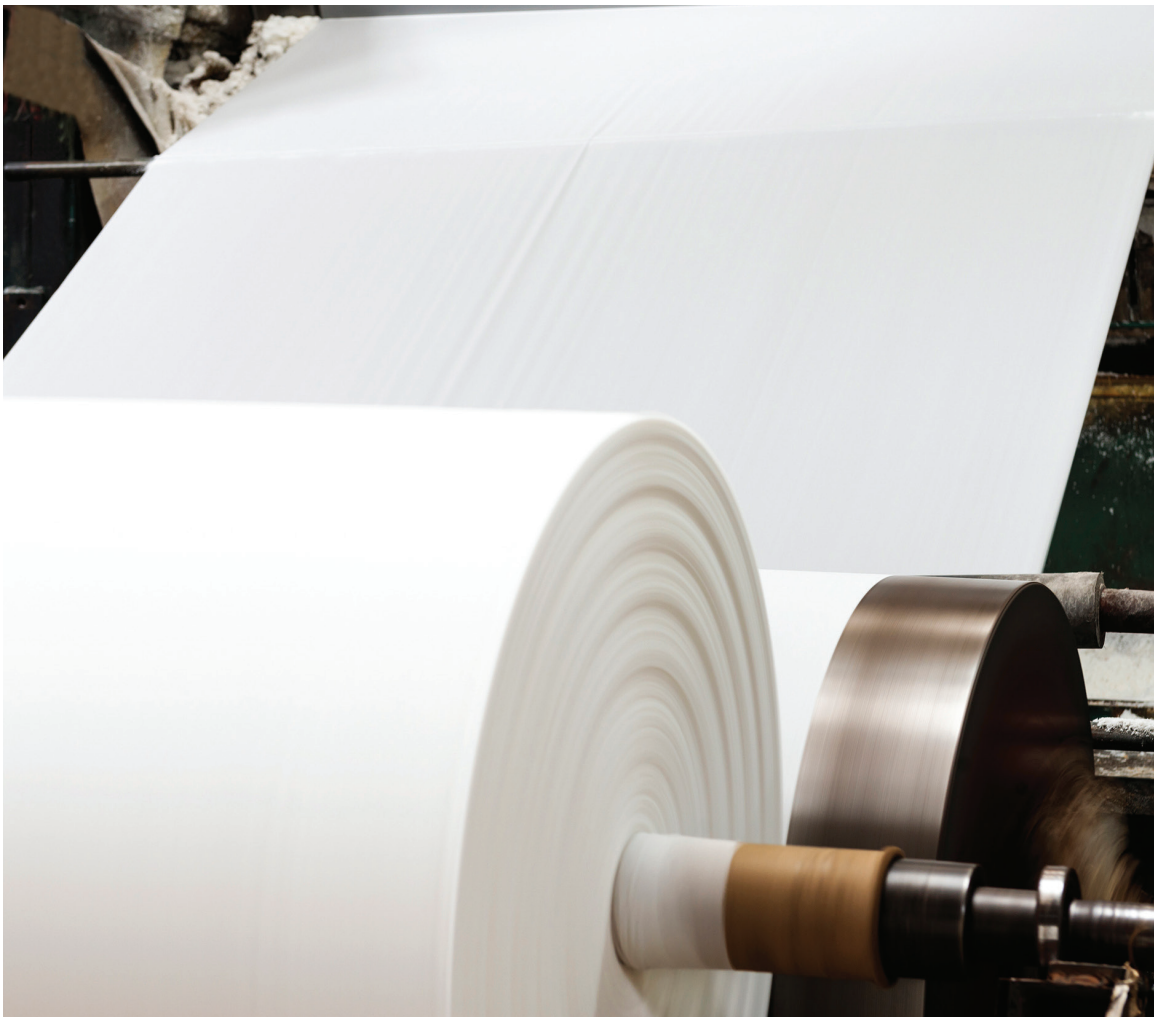
Farval FLO
OIL CIRCULATING SYSTEMS

A BRAND OF BIJUR DELIMON INTERNATIONAL

Oil Circulating Systems for Paper Machine Dryer Section



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

PAPER LUBRICATION SOLUTIONS

Oil Circulating Systems (Lube Oil Skids) are used to lubricate the Dyer Can, Felt Rolls and Gear Trains on a Dryer Section of vertually all Paper Mills. Providing the correct flow to each lubrication point is critiacal to the correct operation of your Paper making machine.

Complete Design, Engineered and Manufactured Solutions for Your Application

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

LUBRICATION PUMPS

Supplying the correct flow and pressure of lubricant of the required oil viscosity, temperature and pressure to the Bearings and Gear trains is critical to prevent failure. Motor Driven AC pumps, with Standby are standard on a FarvalFlo system for the Paper Industry.

FILTRATION

It is critical to remove contaminants, water, and other extraneous materials that build up during the operation. The lubricant needs to be continually filtered to the correct cleanliness level prior to being recirculated. Filtration levels of 18/15/12, with 3-5µ filtration are typically used with Duty and Standby Filter housings installed

COOLING

Water Cooled Heat Exchangers designed to maintain the system oil temperature and remove heat generated by the Bearings and Gear trains, ensuring that lubrication is provided at the optimum performance level. Cooling Water flow is generally controlled through a Temperature Control Valve to maintain the correct oil temperature.

RESERVOIRS OR TANKS

To allow for return oil filtration, settlement, de-aeration and water separation. Internal Weirs and Baffles, Clean out Hatches and the ability to facilitate a change of lubricant at the appropriate interval. Tank materials are typically carbon steel or stainless steel, and sized based on the system flow rate and application. Electric Heaters to maintain minimum oil temperatures are supplied in dry pockets. The full system is generally fabricated within a sealed containment **DRIP PAN**.

INSTRUMENTATION, MONITORING & ELECTRICAL CONTROLS

Industry critical monitoring of level, flow, pressure, and temperature is provided. Components and Instruments can be wired out to Junction Boxes or a Full Electrical Control Panel with Variable Speed Drives available if required.

FLOW CONTROL PANELS

Flow Meters using viscosity compensating Oval Gear or Spring Loaded Float type. Supplied in a protective enclosure or individually with full monitoring of flow alarms. Flow Meters will provide accurate readout of the flow being delivered to each individual lubrication point. Oval Gear can monitor these flows and communicate up to 64 lubrication flows from a local Monitoring Panel to the control room DCS.

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.