



Solutions and services for the pulp and paper industry
Folding productivity into paper





Increase equipment reliability. Reduce operating costs. Maximize production.

With the help of Mobil Industrial Lubricants.

In the pulp and paper industry, peak performance is the key to staying competitive. Whether you are producing newsprint, fine papers, or corrugated board, optimizing your equipment availability is vital to maximum productivity in a global environment. You need your machines to deliver continuously. And with paper machinery operating at speeds over 2,000 m/min and steam temperatures exceeding 200°C, your equipment is under a lot of pressure. Which puts a lot of stress — and importance — on your lubricants.

Mobil SHC synthetic Paper Machine (PM) lubricants — specially engineered for a wide range of applications and conditions.

To satisfy the specific needs of the pulp and paper industry, we offer Mobil SHC PM Series and Mobilith SHC PM Series — a full

family of supreme-performance synthetic circulation oils and greases designed to stay on the job significantly longer than conventional mineral oils. Formulated with leading-edge synthetic technology and application expertise, these products can help increase equipment availability and potentially save energy at a time when minimizing downtime and optimizing operating expenses has never been more crucial.

A full offering for enhanced productivity.

Whether you are continuing to operate and upgrade your existing paper machinery or investing in new equipment, our comprehensive line of synthetic and premium mineral oil-based lubricants offers the right product for your critical applications. Our complete line of lubricants for paper machinery, including hydraulic, compressor, and gear oils, have all been designed for the diverse range of operating environments found in pulp and paper processing. The exceptional product offering includes*

- **Mobil SHC PM Series** supreme-performance synthetic circulation oils for dryer sections and calender applications
- **Mobil DTE PM Series** premium mineral oil-based paper machine oils for wet- and dry-end circulation systems
- **Mobil DTE Excel Series** premium performance antiwear circulation oils for calender and press sections
- **Mobilith SHC PM Series** synthetic high-performance paper machine greases for wet- and dry-end bearing applications
- **Mobil SHC Gear Series** extra-high-performance synthetic gear oils for gear, bearing, and seal protection
- **Mobil SHC 600 Series** supreme-performance gear and circulating oils for a wide range of critical applications
- **Mobilgear 600 XP Series** high-performance gear oils for gear, bearing, and seal protection
- **Mobil DTE 10 Excel Series** high-viscosity-index, shear-stable, antiwear oils for hydraulic systems
- **Mobil DTE 20 Series** premium antiwear oils for hydraulic systems

*Since equipment and operating conditions vary, please refer to equipment builder manual for preferred lubrication recommendations.



To satisfy the needs of the pulp and paper industry, Mobil SHC PM Series and Mobilith SHC PM Series — supreme-performance synthetic circulation oils and greases — were designed to stay on the job significantly longer than conventional mineral oils.

Backed by unsurpassed industry expertise.

Our highly experienced engineers work closely with customers and leading equipment builders for unique insights into their new technology and lubrication requirements, which helps guide our product development process. Our knowledgeable worldwide pulp and paper network leverages its applications expertise to help offer professional advice on sound lubrication practices, proper lubricant selection, equipment troubleshooting, and other lubrication services that will help your equipment run longer and trouble free.

Rely on our products and the support behind them.

Thoroughly tested before they are commercialized, Mobil Industrial Lubricants and greases are well supported by equipment builder approvals. We meet global quality standards and are compliant with internal stringent management systems for manufacturing, customer service, laboratories, safety, health, and environment. Because of this, Mobil SHC is recognized across the industry for consistently delivering reliable performance and maximum equipment protection by leading OEMs.

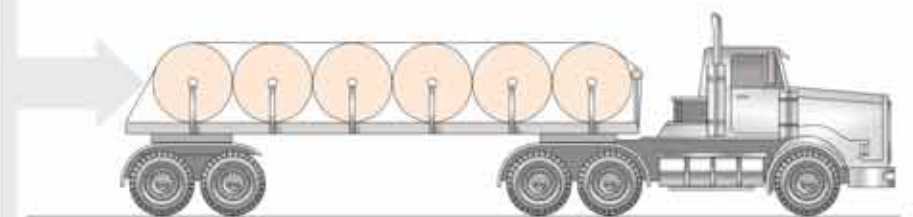
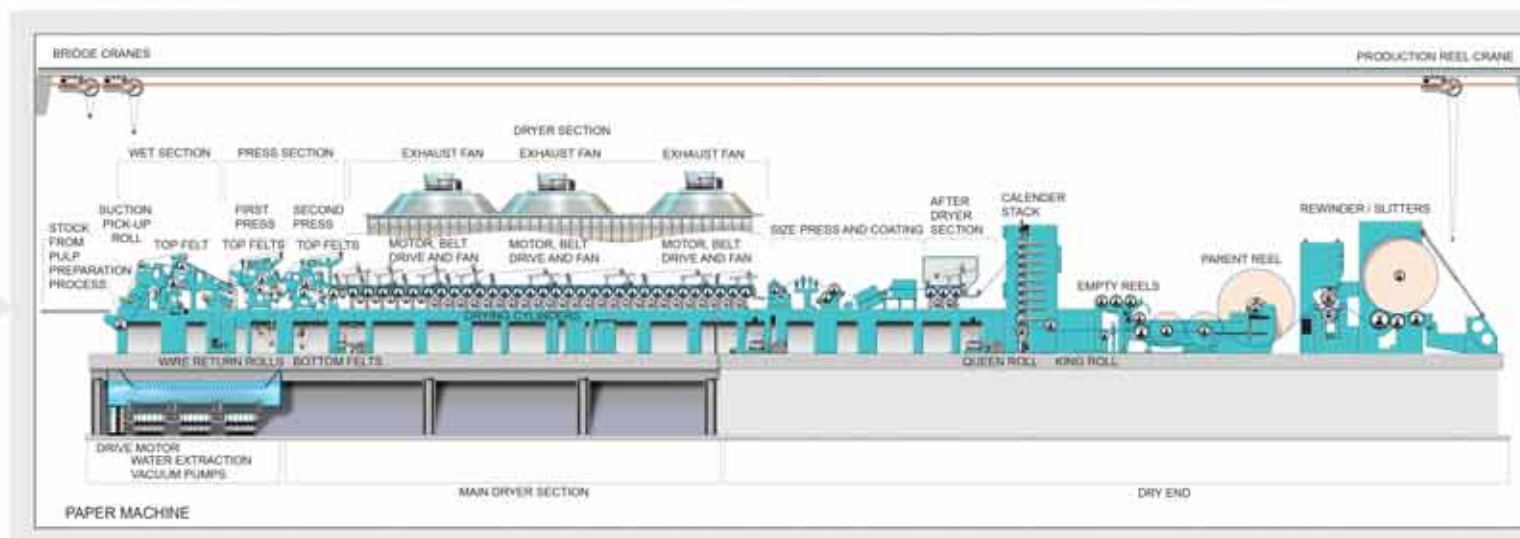
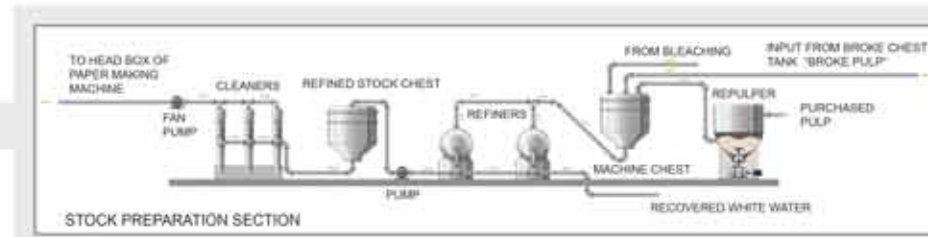
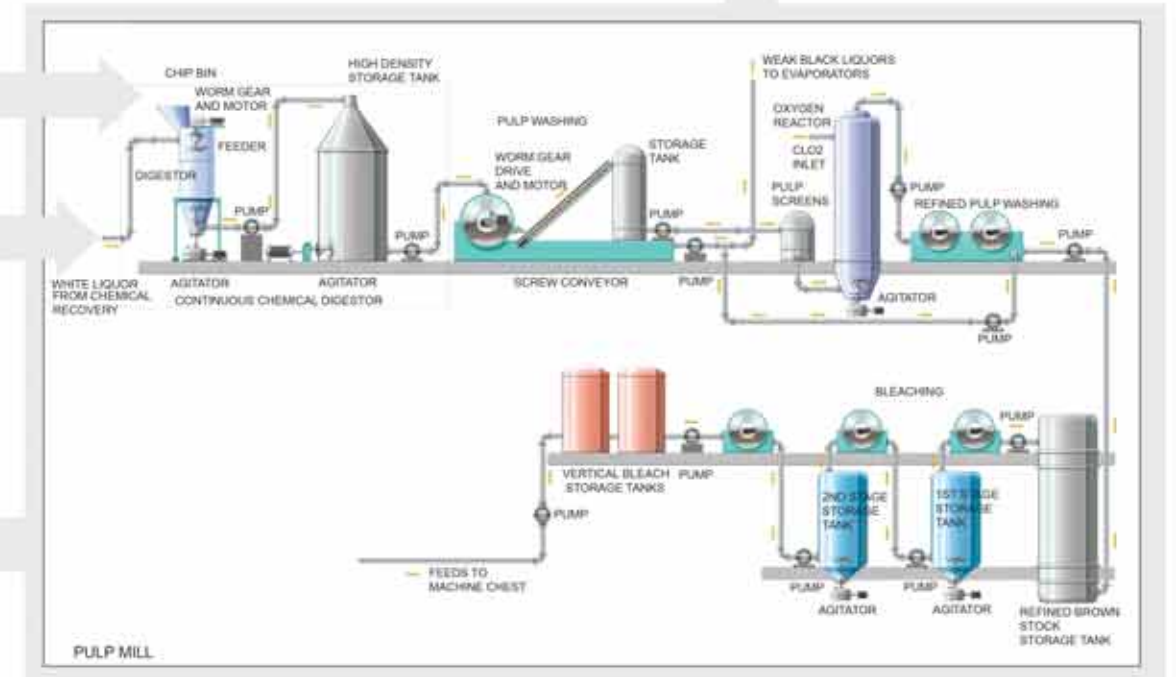
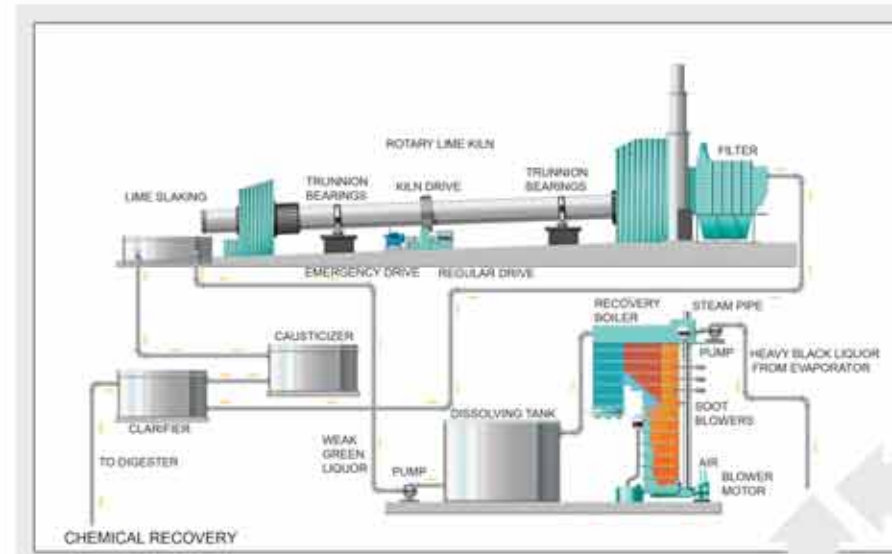
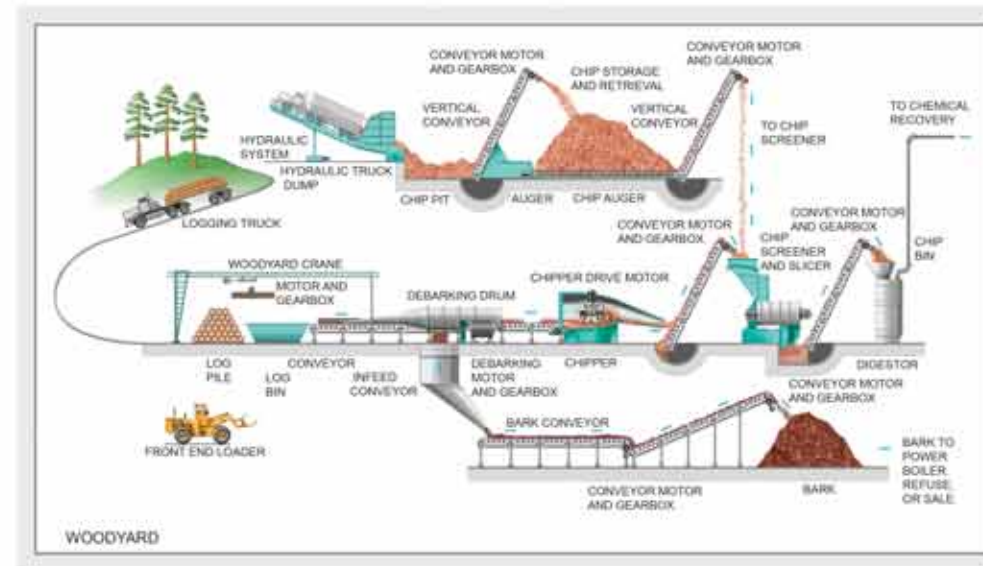


Keep your pulp and paper plant running better — longer — every step of the way.

From hydraulics to bearings, couplings to gear drives, choosing the right lubricants and greases is a crucial factor in protecting the huge investment associated with paper plants. To ensure maximum reliability and productivity, premium-quality paper machine oils and greases should aim to exceed the lubrication needs of the machine for all critical areas — even in some of the most severe operating conditions. Mobil Industrial Lubricants are designed to provide outstanding wear protection, corrosion prevention, keep-clean performance, and water tolerance to meet the aggressive environments found in paper manufacturing.

For more specific product information on woodyard, pulp mill, chemical recovery, and paper machine processes, please refer to the individual inserts in the back of this brochure.

- **Electric Motor Bearings** — Mobil Polyrex EM, Mobilith SHC 100
- **Hydraulics** — Mobil DTE 10 Excel Series, Mobil DTE 20 Series
- **Couplings** — Mobilith SHC PM Series, Mobilith SHC 1500, Mobilgrease XTC, Mobilux EPIII
- **Press Systems** — Mobilgear 600XP Series, Mobil DTE Excel Series
- **Bearings** — Mobilith SHC PM Series, Mobilgrease XHP Series
- **Gear Drives** — Mobil SHC Gear Series, Mobilgear 600 XP Series, Mobil SHC 600 Series, Mobil SHC PM Series, Mobil Paper Machine Oil S 220, Mobil DTE PM Series
- **Circulation Systems** — Mobil SHC PM Series, Mobil DTE PM Series, Mobil Paper Machine Oil S 220



Note: Schematic is intended as a general guide only. NOT TO SCALE.

Reliable support services mean you're never on your own.

We don't just sell lubricants; we aim to provide you with the optimum lubrication solution whatever your particular process. We not only assist you in selecting the right paper machine fluids and greases for your application, but also can provide you with a wide variety of engineering services that help reduce costs and improve productivity through better lubrication management.



Mobil Technical Support — Convenient assistance from our team of technical experts, available by phone or online, providing guidance and advice for your facility.



Trained Distributor Sales Representatives — On-site guidance in lubricant selection to help enhance your plant's productivity.



Field Engineering Services (FES) — Professional advice on sound lubrication practices, optimizing lubricant performance, and equipment troubleshooting, plus systems inspections and proactive monitoring to help you run your machines longer and more efficiently.



State-of-the-art Signum Oil Analysis program — Monitors lubricant and equipment condition to help increase equipment life and reliability, and reduce maintenance costs. Specifically tailored for the paper industry to gauge critical indicators in used oil, the program delivers the knowledge you need to better understand your company's lubricants and equipment status.

Partners in paper productivity.

So count on the technology leadership and application expertise behind Mobil Industrial Lubricants to help your machinery produce more, better, faster, with more uptime and greater efficiency. Discover how we can help you fold productivity into your pulp and paper business — and help it soar.

For more information on all Mobil Industrial Lubricants and services, call your local company representative or the Mobil technical help line at 1-XXX-XXX-XXXX. Also visit www.mobilindustrial.com.

