

Mobil SHC™ PM 320 synthetic paper machine oil enables big lube cost savings*



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Voith paper machine | Paper mill | Virginia, United States

Situation

A Virginia paper mill installed a state-of-the-art Voith paper machine over 18 years ago. Maintenance personnel needed a high-performance circulating oil for the two 6,000-gallon reservoirs of the machine's dryer lubrication system. As a result, the company approached ExxonMobil to identify a long-lasting lubricant solution capable of helping protect the heavily-loaded dryer bearings.

Recommendation

ExxonMobil engineers recommended the paper mill switch to **Mobil SHC™ PM 320** synthetic paper machine oil. Formulated with advanced base oil and additive technology, **Mobil SHC PM 320** is designed to provide superior viscometrics under dryer section temperatures, preventing varnish and deposits that can restrict oil flow and shorten bearing life. In addition, ExxonMobil engineers recommended the company implement routine **Mobil Serv™ Lubricant Analysis** to monitor equipment and oil condition.

Impact

After transitioning to **Mobil SHC PM 320** synthetic paper machine oil, the paper mill was able to triple oil life compared to a conventional mineral oil. This allowed the company to reduce lube system change-outs, cleaning and related plant downtime.

Benefit

The company reports that the long life benefits of **Mobil SHC PM 320** synthetic paper machine oil have generated company-estimated average savings of over US \$100,000 per year.

Original fill oil
lasted more than
18 years

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*This Proof of Performance is based on the experience of a single customer. Actual results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used.

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