

# Mobil<sup>SM</sup> Lubricant Analysis reduces paper mill equipment failure rate and extends component life

Used Oil Analysis Improvement | Pulp & Paper | Southeastern, United States

## Situation

A pulp & paper mill in the Southeastern US initiated work toward revamping their **Mobil™ Lubricant Analysis**, used oil analysis program. The mill desired recommendations on the ideal sample point and adaptor kits necessary for select critical equipment to be able to capture the most informative samples. The Mobil™ engineering team completed analysis on several individual assets and made scalable recommendations for expansion across the site.

## Recommendation

Optimum sample locations capture a representative oil sample from a turbulent location on the oil return line, after the oil has completed its job within the asset. The Mobil™ team provided specific guidance, photos, and recommended adaptors, including the suite of Mobil™ LubeGuardPro adaptor kits, for the customer to implement a world-class sampling program.

## Impact

Through implementing a Mobil™ used oil analysis program and using the correct sample location, the mill anticipates they can extend component life and reduce the risk of equipment failure by a factor of 5x. This enables significant maintenance and hardware savings to the mill of up to \$85,000 annually.



## Annual Savings



**\$ 85,344 USD**

Revenue Improvement



**27 Hours**

Exposure Reduction

## Advancing Productivity

Helping you reach your safety, environmental care\*\* and productivity goals through our innovative lubricants and services is our highest priority. That's advancing productivity. And that's how we help you achieve your broader vision of success.

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