

## Press Release

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### **Oji Papéis Especiais invests in innovative solution from Voith that allows significant water and energy savings**

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Voith has a new order to supply its innovative lubrication system for suction roll sealing strips – HydroSeal – to Oji Papéis Especiais. The HydroSeal system prevents sheet rewetting and drastically reduces water consumption.

Operating in Piracicaba, in the state of São Paulo, Brazil, Oji's specialty paper mill produces nearly 120,000 metric tons of thermal paper, carbonless copy paper and coated paper. The new HydroSeal is expected to operate from mid-September.

Once it is installed, HydroSeal will allow a considerable decrease in water consumption, as well as a performance improvement in the transfer suction roll operating between the second and third press of the Oji PM 2.

HydroSeal is an innovative option that replaces current conventional seals and lubricating showers installed in suction rolls in favor of a more efficient seal system that distributes the lubricant film more evenly over the entire width of the sealing strip. The system hence enables a significant decrease in the amount of water consumed while also minimizing sheet rewetting, which in turn improves the CD moisture profile. This system will allow paper manufacturers to disable conventional shower systems regardless of the suction roll type or manufacturer.

The patented sealing strip system with integrated water supply enables significant savings, and in some cases may also provide for drive power savings. Trials carried out in Germany demonstrate that by using HydroSeal, paper makers can achieve yearly savings of approximately €

100,000, since water and energy consumption can be reduced by up to 87% and 9% respectively.

Since its recent release, nine HydroSeal systems have been sold worldwide, including the one to Oji Papéis Especiais.

## Oji Papéis Especiais

With a yearly production capacity of 120,000 tons of paper, Oji is a Brazilian and Latin-American leader in the specialty paper segment (thermal and carbonless copy paper), as well as a pioneer in online machine coated paper production. The Oji Paper Group was founded in Japan in 1873, currently employs over 26,000 people, is present in four continents, and operates over 300 subsidiaries and manufacturing units. In September 2011, the Japanese group took over the specialty paper manufacturing plant in Piracicaba, thus initiating its operations in the Brazilian paper industry.

Further information is available on the Voith website at [www.voith.com/paper](http://www.voith.com/paper). Voith Paper is also on [Twitter](#) and [YouTube](#).

Voith Paper is a division of the Voith Group and the leading partner to and pioneer in the paper industry. Through constant innovations, Voith Paper is optimizing the paper manufacturing process, focusing on developing resource-saving products to reduce the use of energy, water, and fibers. Furthermore, Voith Paper offers a broad service portfolio for all sections of the paper manufacturing process.

Voith sets standards in the markets energy, oil & gas, paper, raw materials and transportation & automotive. Founded in 1867, Voith employs almost 42,000 people, generates € 5.7 billion in sales, operates in about 50 countries around the world and is today one of the biggest family-owned companies in Europe.

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