



ENVIRONMENTAL TECHNOLOGY

SA firm makes big savings with CDPN™

Constant seal failures followed by downtime and loss of production were causing problems for the South African company Woodchem SA.

The company, a resin manufacturer for materials used in the manufacture of Bison press board composites, was using a 40mm single cartridge seal installed on a side entry 'Lightning' agitator. With no dedicated quench to drain, the seal was proving unreliable, with an MTBF of around three months.

AESSEAL® recommended the use of its CDPN™ cartridge double mechanical seals with its patented SW02™ Water management system, whose industry-leading modular design has been shown to reduce costs and increase the life span of equipment.

The CDPN™ range has been designed as a high-performance sealing solution for general applications. It has built on over a decade of proven performance from the AESSEAL® CURC™ and FIDC™ ranges. This is combined with cutting edge manufacturing techniques to represent the best value for money sealing solutions available today.

The seal and system was installed in May 2015, and over ten years later is still in operation. Over this period, it is estimated to have saved the company more than 1.5 million rand (\$84,000) in the cost of downtime and seal replacement.



'Reliability increased from 3 months to > 10 years!'

Industry:	Chemical
Product:	CDPN™ and SW02™
Application:	Lightning Agitator
MTBF Increase:	3,900% (and counting)
Savings:	>R1.5 Million (\$84,000)
Reference N.O:	TD3106047



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