



ENVIRONMENTAL TECHNOLOGY

## £66,000 savings after upgrading gland packing to an RDS split seal

A pulp and paper mill in the UK was using packing to seal an agitator, which is attached to a 50,000 litre vessel used to keep the pulp in suspension prior to being made into paper.

After approximately 3 months the packing began to leak excessively and needed to be replaced. In addition the bearings needed to be replaced and a new shaft sleeve fitted. This was costing over £13,000 a year in downtime, maintenance and product loss, as well as causing a health and safety hazard with large quantities of pulp on the floor.

AESSSEAL® replaced the Kevlar packing with a RDS mechanical seal and flush line. The new solution had a payback period of just 2 months and first year savings of just under £12,000. The mean time between failure was increased from 3 months to 36 months and has saved the company over £66,000 to date.



### “£66,100 saving to date”

Industry:	Pulp & Paper
Product:	RDS (Radially Divided Seal)
Application:	Side Entry Mixer (Agitator)
MTBF Increase:	1100%
Savings:	£66,100 to date
Reference N.O:	CH01174



[aes seal.com/info](http://aes seal.com/info)