Kingfisher

PAPER EQUIPMENT
FACT SHEET NO. 007

Industry:
Paper
Plant:
Liquid Cyclones
Lining System:
K-BAS

K-BAS PROTECTED LIQUID CYCLONES

Key Benefits

- ✓ **Improved wear resistance**
- ✓ **Increased operational uptime**
- ✓ **Reduction in maintenance Costs**
- ✓ **Lining system can be replaced**

Problem:
Having been approached by the OEM based in France, the customer was looking for a more cost effective system as the existing wear resistant castings installed within these liquid cyclones were not offering the level of life expectancy and ROI, therefore preventing them from offering a competitive package within the paper industry. As paper mills are utilising increased amounts of contaminated material, beginning the process with larger particles and ending with finer particles so equipment becomes prone to suffering from excessive wear and abrasion.

Solution: As the OEM was aware of the added value and ROI they could offer their client base through incorporating an existing wear resistant system, For Kingfisher it was a case of reviewing the process and the type of material being handled. Based on this Kingfisher quoted to manufacture and reinforce the internals' of the cyclones by installing their very own K-BAS ceramic wear resistant lining system, as the pulp is accompanied by a mixtures of contaminates. K-Bas has an extremely hard and smooth surface, resistant to most acids and alkalis, and can be used in temperatures up to 350°C (662°F).

Benefit: Kingfisher have supplied the OEM now for over 15 years with this system, which has proved to be a success for our client as well as the end user's within the industry.

Protecting Industry Worldwide

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