

ENGLISH

**NCR**  
BIOCHEMICAL



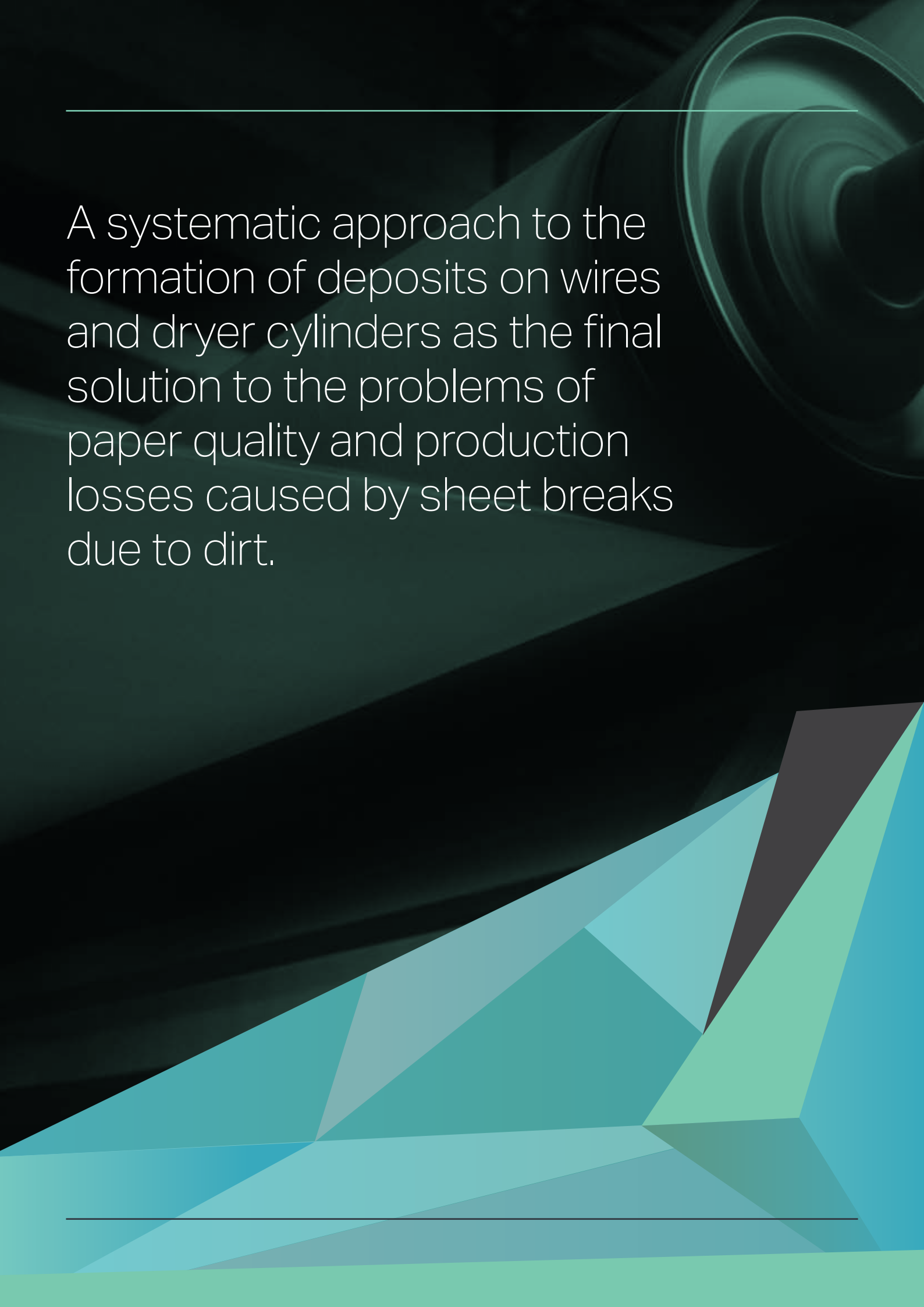
PAPER DIVISION

# Drying Section



---

A systematic approach to the formation of deposits on wires and dryer cylinders as the final solution to the problems of paper quality and production losses caused by sheet breaks due to dirt.





---

## SOLUTION

The problem of contaminants, glues, dirt and dust depositing in the drying section of the paper and board machine has always been important for the paper manufacturer and often gives rise to disputes and complaints about the reels sold. There are numerous causes that affect this phenomenon, such as the gradual deterioration of the recycled pulp, due to its increased re-use cycle and the high closure of the water cycle.

The conventional methods adopted are often unable to deal with all of this; binding agents such as cationic starch do not help solve the problem, also because the high cost of treatment does not always coincide with the necessary mechanical characteristics required.

NCR Biochemical has focussed on the problems of paper manufacturers for many years and has the technology for passivation of the cylinders and drying section wires, which prevents the formation of deposits on these surfaces, while at the same time reducing complaints regarding the quality of the paper sold.

Protection against deposits in the drying section using specific products dosed with our dedicated system (Si.Pro.Tes) offers a number of advantages, including:

- Better heat exchange of the cylinders/drying section wires
- Fewer breaks in the drying section
- Fewer breaks at the rewinder
- Fewer stoppages for wire cleaning
- Better runnability

Analyses of the deposits and a feasibility study of the application are carried out by our experts to find the best solution and optimise results.

# Product range



## **BIOCLEAN S SERIES**

---

- Silicone oil-based products for dryers and wires.



**NCR Biochemical** is an international chemical company specialized in water treatment, biotechnology and process additives in the paper and sugar industries. We produce the best chemical technologies, find the best solutions for our customers, develop our own dosing systems and have thirty years experience and expertise in pursuing quality, safety and environmental responsibility. We confront the global industrial reality with a comprehensive scientific approach which brings benefits and results to our clients.



Analysis



Technical assistance



Consulting

[www.ncr-biochemical.com](http://www.ncr-biochemical.com)



**World Network**

Italy | Bologna

Italy | Milano

Russia | Leningrad Region

China | Shenzhen



**Follow us**

