

Improved Oil Lubrication Systems for Paper Machines

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ABSTRACT

During last decades there has been significant development in the paper making technology. The speed of the machines is higher, machines are wider and the automation level is quite different as 20 years ago.

However the lubrication of the paper machines has not followed this development. Basically the lubrication systems are operating very similar way, as they have done always, although the lubrication related problem, like water in oil and huge oil costs are getting worse.

Finnish lubrication system manufacturer Safematic, now part of SKF Group, started few years ago a research project, where the target was to develop more efficient lubrication system, specially for paper machine circumstances.

Based on this project the new Flowline lubrication system was presented. Now after few years experiences, this new type of lubrication system has shown that the lubrication really can be done more effective and simultaneously the typical water and air problems can be avoided.