

New HRK10 and Donaldson Triboguard™ Filters Save Paper Mill's Main Lube Circuit

INDUSTRY: Paper
PROBLEM: Collapsing Competitive Filter Elements
SOLUTION: Donaldson HRK10
Donaldson Triboguard Elements

Donaldson
Triboguard™



New HRK10 Housing



Recently, Donaldson Company was contacted by an upper Midwestern paper mill. The mill was interested in our new T.R.A.P.™ breather (moisture/dirt breather filter). The new product is most commonly used on hydraulic power units, lube circuits and gear boxes. The customer used the T.R.A.P.™ breather throughout the plant to prevent moisture from entering these critical applications with great success!

Since our initial success with the T.R.A.P.™ product, this paper mill called Donaldson and our Distribution Partner for assistance with a different application. The customer was experiencing filter collapse in existing competitive filter housings, resulting in contamination of the main lube circuit. In addition, the filtration system, using 8300 competitive style housings, was inefficient and didn't offer a bypass option.

The mill runs a demanding 24/7 operation with minimal shutdown opportunities, but the company had a major maintenance shutdown (20 hours max) scheduled, which provided a narrow window of opportunity for Donaldson and our Distribution Partner to shine.

The mill found a solution in Donaldson's new HRK10 filter housings and Donaldson Triboguard filter elements. Four HRK10 units were configured in a duplex arrangement. Donaldson Triboguard $\beta_{(c)5}=1000$ filter elements were installed and are currently achieving an ISO cleanliness level of 16/14/11. Routine oil samplings upstream and downstream continue to confirm great results.

Through the joint efforts of Donaldson Company and our Distribution Partner, we delivered an economical solution which created a new relationship and happy customer.

