Paper Mill Lube Oil Filter Element Upgrade

Reduces Downtime, Maintenance Costs, Element Costs, and Fluid Costs

The Problem

Large paper mills rely on continuous production to be profitable, thus unplanned down time is a huge financial burden. When unplanned downtime does occur and equipment must also be either repaired or replaced, the damages can feel exponential.

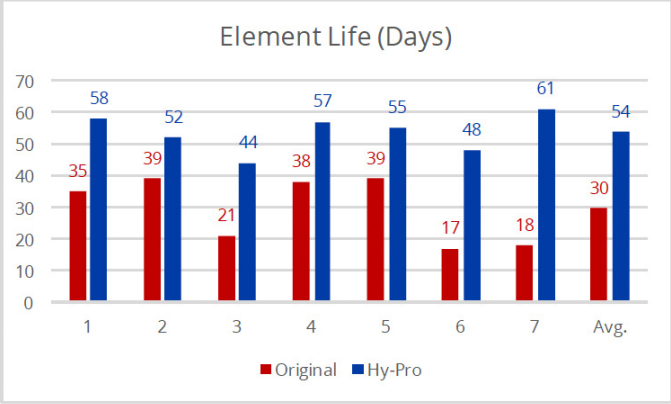
Contaminated lubricants were fouling the rolling mill's critical components; resulting in unplanned and unnecessary downtime Online particle counts showed the fluid had an ISO Fluid Cleanliness Code of 20/17/16.

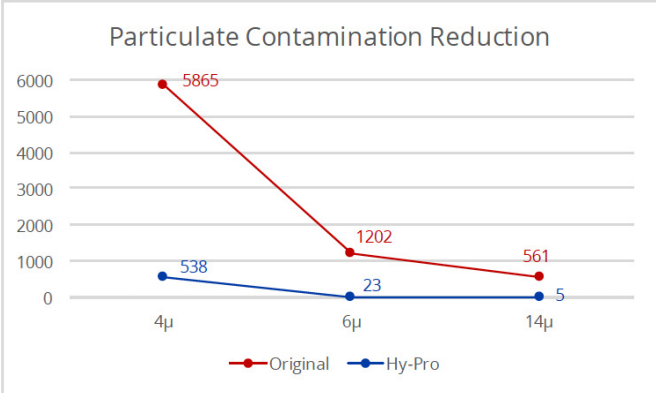
The Solution

The original 6 micron filter elements were upgraded to HP8314L39-6MB (β7[c] ≥ 1000) elements.

The Results

ISO Fluid Cleanliness Codes plummeted to 16/12/9 as particles > 4µ[c] were reduced by 90.8%, particles > 6µ[c] were reduced by 98% and particles > 14µ[c] by 99.5%. The Hy-Pro elements lasted 80% longer at 54 days compared to the original elements' average of 30 days.





Want to find out more? Get in touch.

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