

Performance Separations in Refineries

In refinery filtration there is a constant need to increase process efficiency, improve product quality, protect process equipments and reduce operating costs for our customers. The rising cost of resources also demands that we produce the maximum amount of product with the raw materials available. By understanding the filtration applications involved in refineries, we can determine the best approach to meeting our goals. Important applications in refinery filtration we have great interest in include:

- Process Filters
- Desulfurization/Sweetening Filters
- Liquid/Liquid Coalescing
- Liquid-Gas Coalescing/Separator

Several questions we want to answer are:

- How can we improve product quality?
- How can we reduce fouling in the process?
- How can we improve our process efficiency?
- What are some of the problems we've observed in refinery filtration?

Understanding the dynamics of high flow filtration and effective utilization of filters and coalescers are essential in meeting our customers' goals and achieving high performance separations.

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