Case Study

Sebright Product's Oil Filter Recycler Offers Innovative Customization

Client Overview:

- Oil and waste recycler
- Machines previously used for recycling oil consistently broke down due to poor oil containment design
- Leaked oil onto the production floor, resulting in an unsafe work area and frequent repairs

Objective:

To implement a customized oil recycling solution that addresses the operational challenges of a facility struggling to meet oil recycling demands. Their existing oil recycling machines were underperforming, prone to breakdowns, and causing spills requiring clean ups.

Solution:

Sebright Products engineered a custom-built Oil Filter Recycler (OFR) to address the waste recycler's challenges and replace the old machines that the customer was using.

Results:

- The installation of Sebright Products' Oil Filter Recycler significantly improved the customer's operations in the following ways, including:
  - Customer noted that they haven't had to monitor the new machine extensively.
  - Increase in the amount of barrels processed per hour.
  - **Capture Rate:** 2.5 times increase in the amount of oil captured with the same volume of oil that the customer was processing previously.

Conclusion:

The deployment of Sebright Products' Oil Filter Recycler (OFR) provided a robust, engineered solution to the recycler's operational challenges. By addressing design flaws that led to frequent breakdowns and oil leakage, the OFR improved system reliability, reduced maintenance requirements, and enhanced workplace safety. Operational metrics confirmed a measurable increase in processing capacity and 2.5 times improvement in oil capture efficiency compared to the facility's previous equipment. The performance of this system not only resolved the customer's immediate needs but has also established a proven framework that continues to be applied successfully in other recycling operations. This case illustrates how engineered, application-specific equipment can deliver long-term value across multiple facilities with similar processing demands.

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