



Sticky Situation

A Sugar Cane refinery was having problems due to high humidity and the adhesive nature of sugar. The customer's existing magnets, which were supposed to capture ferrous contaminants and protect processing equipment, were instead coated in sugar and, as a result, when cleaning occurred by actuating tubes through stripper seals, the seals were cracking and falling into the "pure" product stream. Additional contaminants were simply "washed off" the tubes because of the weakness created by the sugarcoating and air gap. IMI provided a solution with their Ox® Housing.



The Ox® was designed specifically for use in this environment, to combat external elements in processing facilities, including ambient temperature and humidity as well as material contents causing application challenges such as bridging, abrasion, corrosion and galling. The IMI Ox® unit pull-tested stronger than the customer's existing magnets- with nearly 40% more holding power. The customer's results of using the Ox® Housing included higher metal contamination capture and reduced downtime for inspection and maintenance purposes. The Ox® is offered as a Self-Clean or EZ-Clean unit.

UNIT FEATURES:

- Powerful UHI-50® Rare Earth 50 MgOe circuit for fine particle separation – most powerful in the industry
- Hydex® wiper seals – ideal for sticky situations
- Nedox® coating to eliminate galling, coating of tubes and corrosion
- Rear access door for cleaning/maintenance
- De-Sta-Co clamps for easy opening/closing
- Welded stainless steel construction & More!



For More Information On the Ox® Drawer-In-Housing Separator See Techsheet **TG03C**

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