

VIKING PUMP

A Unit of IDEX Corporation

Chemical Manufacturer Case Study

Chemical
California - USA



Viking's customer manufactures private labels products, typically sodium hypochlorite (bleach) and other corrosive, low viscosity liquids for the consumer market. Historically, the customer has used multiple AODD pumps for this process, pumping from outside storage tanks to inside bottle filler equipment. A client came to the customer with a drain cleaner product, similar to a "Drano-like" product, to formulate and bottle. The higher viscosities of this product led the customer to consider alternative pumping principles, which is why they partnered with Viking.

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CMD Pump



Project Details

To provide a pumping solution for products with high viscosities due to a client's request.

Project Parameters

- A primary customer concern was to reduce air consumption required by AODD pumps
- Minimal downtime
- Low pulsation pump

Requirements

- Provide a corrosive-duty, low pulsation, energy efficient pump
- Application requirement was to provide 60 GPM of a corrosive liquid @ 35 PSI discharge pressure, and Viscosity = 900 cps.

Solution

- To use 2 Viking CMD-E125 electric motor driven pump units
- Run the units in tandem to supply total flow capability of 60 GPM

Why Viking Pump?

- Viking pumps have lower pulsation compared to AODD pumps
- Energy savings compared to AODD pumps
- Viking pumps provide cost savings when compared to other exotic metal pump options
- Less process downtime, as the customer could run one pump at reduced process capacity if the other requires service or repairs



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