



Success Stories
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NEXT TRAINING SESSION
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A sneak peek at our next issue:

A Pulsafeeder system with
Eclipse pumps improves CIP
process

2883 Brighton-Henrietta Townline Road
Rochester, New York USA 14623
Phone: 585-292-8000 Fax: 585-424-5619
Email: pulsa@idexcorp.com
Visit us on the web at www.pulsa.com
Phone: 585-292-8000 Fax: 585-424-5619

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Success Stories

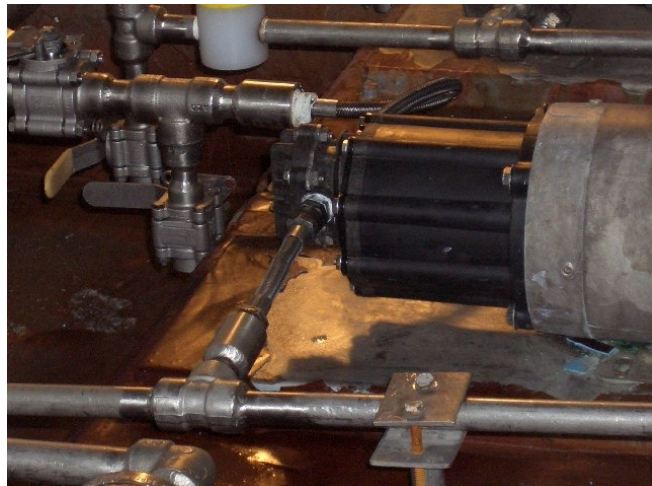
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Ethanol Solution

Alternate fuels are a global multi-million dollar market with forecasted steady growth. The ethanol sector of this market affords the benefits of reduced dependence on imported oil and reduction in air pollution. In addition, technological advances have increased efficiency and lowered production costs. In the United States, the Midwest is a hotbed for increased ethanol production and plants are under construction in the Central States. Brazil leads South American ethanol production and this Ethanol fuels trend is expanding around the globe.

Ethanol, an alcohol fuel, is produced by fermenting converted starch from corn with yeast. The fermented starch is distilled to separate the alcohol from the unfermented products. In addition to corn, ethanol can be made from other grains, such as wheat, rye, sugar cane, and sugar beets. New technology will allow ethanol to be made from "cellulosic" feed stocks including corn stalks and municipal solid waste.

Pulsafeeder is working with an Ethanol producer in the Midwest currently producing 50 Million Gallons of Ethanol per year with a planned expansion to 80 Million. The acid pumps used for pH control in the fermentation process were wearing prematurely at process pressure. The problem pumps were replaced with Eclipse E05LVF-X pumps that solved the 93% Sulfuric Acid feed problems. The Eclipse pumps handle the pressure requirement without excessive wear. Eclipse offers reliable service without costly maintenance saving time and money.



A Problem Solver!!!!
Reliable, Simple, & Intuitive