

M PUMPS Delivers Unparalleled Solutions.



CASE STUDY: #0007

M Pumps delivers pumps for a Petrochemical industry in Argentina.

Initial situation:

This petrochemical plant in Argentina, needs sulfuric acid for its process. They were using mechanically sealed pumps and they were suffering of pollution due to mechanical seal "sweat" . This meant personal danger as well as plant damages. They had to put an extra tray below the pumps to recover the sulfuric salts. (photo 1)



M PUMPS solution:

The customer called our distributor in Argentina, and explained the situation. This is an ideal application for our magnetic drive sealless range. It solves all the issues the customer was having. It is seal less so avoids all the existing problems they were currently having. No more spillages , no more salts, no more pollution, no extra tray required. Even with our close coupled version space is saved. Working conditions are:

Liquid : Sulfuric acid 98 %

S.g. : 1,84

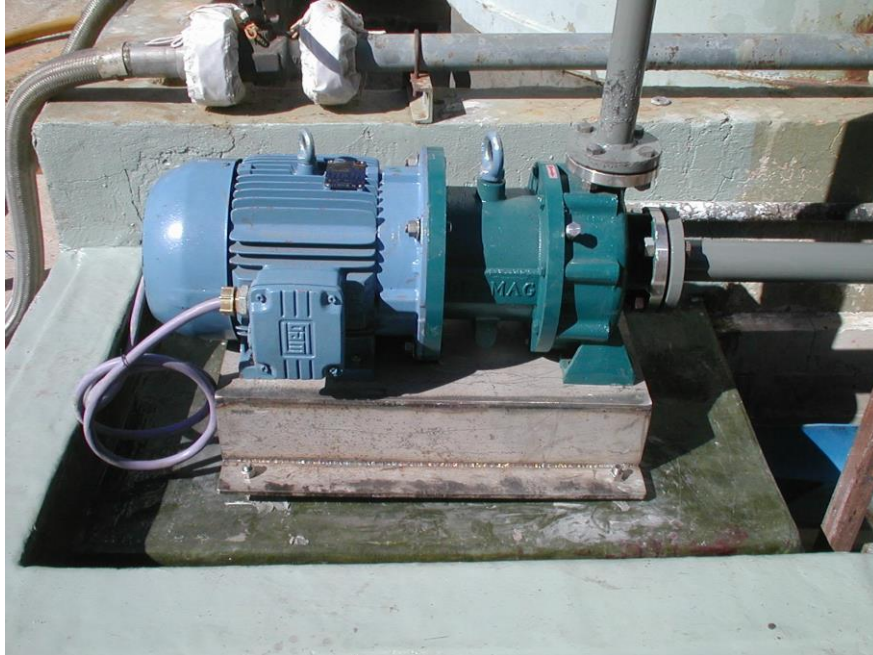
Viscosity : 5 cps

Temperature : 30°C

Flow . 10 m3/h

Head : 20 m

Pump model was CN MAG M 32 160 with 7,Kw at 2900 rpm standard SS316 construction. Pump was installed in 2009. (see Photo 2)



These comparative advantages are the prime reasons for clients to consider mag. drive pumps against mechanical seal fitted pumps.

M Pumps deliver world-leading expertise in the design, application and manufacture of Magnetically Driven Pumps and associated equipment to API 685, ISO 2858, ANSI B73.3 and ASME for the Oil and Gas, Offshore, Petrochemical, Chemicals, Nuclear, Research Institutes, Pharmaceutical, Electronic and the General industry.

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