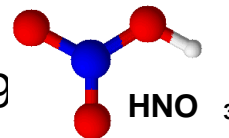


APPLICATION SHEET : Nitric acid @ 9



Application:

Set up of a "vat to vat" transfer unit to unload strong acids, **concentrated Nitric Acid 98% at 35°C.**

Specifications required for the pump:

- Flow rate of 6 m³/h for a total head of 38 meters.

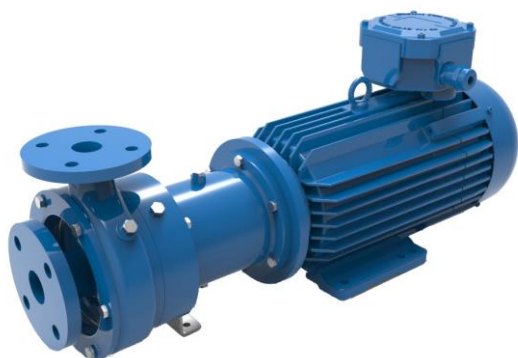
Information about nitric acid:

Nitric acid is a clear, light yellow liquid chemical compound that is extremely **corrosive** and **harmful** for human health.

It is often used in the following applications:

- Metal working, coloring agents, electroplating, oxidizing agents, fertilizer production, etc.

The **POMPES GROSCLAUDE** solution:



Analysis of the solution

- Find a solid solution without risk of leaks
- Favor a solution with metal
- Propose a pump that takes up little space.

Technical description

Model of pump installed

MGX215/2US1-160/140-5.5-21

- Multicellular mono-block pump in asthenic stainless steel, perfectly withstands concentrated nitric acid.
- Pump equipped with tightness using magnetic coupling.

Main advantages

- Metal pump made of Uranus S1 stainless steel.
- Dynamic tightness via magnetic material.
- No fugitive leaks.
- Single-stage pump construction to ease integration.
- Multicellular and single-stage assembly with open impeller.



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