



Bredel hose pumps deliver improvements to chemical metering at Brazilian copper mine

- **Accuracy of Bredel pumps keeping chemical costs under control**
- **Customer reports 'ease of maintenance'**

A mining company in Northern Brazil opted to install 42 Bredel hose pumps as part of their next investment phase. The mine required pumps in its flotation area for chemical metering. This is an important part of the mining process that demands both accuracy and reliability, not to mention pumps capable of working 24/7 in an extremely rugged environment.

The original competitor pumps installed for this application frequently suffered hose failures when pumping chemicals including sodium sulphate, xanthate, methyl-isoamyl alcohol and dithiophosphate. Indeed, the company reports that it needed to replace hoses as frequently as every month, due to chemical attack and poor pump installation advice.

problems previously encountered with the competitor pumps have been reported. In addition, the accuracy and reliability of Bredel pump technology is helping the company keep chemical costs under control and ease-of-maintenance is cited as a further benefit.

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42 pumps at each mine

The company has a total of 84 Bredel pumps in operation at both of its mines, working at flow rates of between 22 to 540 Litres/hour. Since the installation of the first Bredel pumps, none of the hose

