
Pumping foamy liquid?

Posted by faustor - 2008/07/21 09:57

I have an application on a printing press, where the viscous ink tends to become foamy. There is a double diaphragm Yamada pump, on a closed loop system. The reservoir tank is only about 8 gallons, plus about 4 in the hoses. What ever is not used on the press, is returned back to the pot. The ink that returns picks up air and returns it to the pot. The air picked up is inherent of the process, and i cannot stop it.

What method can I use, to separate the bubbles/foam from the liquid?

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Re:Pumping foamy liquid?

Posted by Norvicuter - 2008/07/23 01:51

Hi faustor B) ,

Before I become a pump engineer I was once a QA supervisor on a corrugated printing co.

I guess the small diaphragm pump is running fine. Is it?

Printing system has always has ink return and usually became too viscous and bubbly.

I have asked my co worker before for a some additives on ink that may neutralize the bubbles and foamy of the ink. Im sure I will get a reply later.

:cheer:

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Re:Pumping foamy liquid?

Posted by Gerald - 2008/08/22 12:23

You need a pump that has less shear and more linear flow like a progressing cavity pump email me for a quote on a PC pump at nemopump@netzschusa.com

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Re:Pumping foamy liquid?

Posted by Tony / anthonymlepore@gmail.com - 2008/08/22 18:50

I can help you. However I to need talk to talk to you. E-Mail me with a number to contact you if you don't mind.

Tony

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