



Blackmer Sliding Vane Pumps Replace Internal Gear Pumps to Unload Fatty Acids from Barges



A manufacturer of laundry detergents and personal-cleansing products recently installed Blackmer's MLX Sliding Vane pumps to resolve problems it was experiencing with internal gear pumps. The application called for a pump that could unload fatty acids from a barge tanker with little or no downtime. In order to keep the shipyard schedule on track, each pump needed to be able to self-prime, provide high suction lift, perform efficiently over long periods of time, and strip lines of residual materials to complete each job.

Since a high volume of fatty acids were being offloaded from each barge in a short amount of time, a significant amount of added stress was being applied to the existing internal gear pumps. Due to the design limitations of the internal gear pumps, they were having issues in this particular application with bushing wear caused by a cantilevered load on the shaft, ultimately causing seal failure and costly downtime. The performance of the internal gear pumps was unacceptable in the shipyard.

The manufacturer resolved the issue by installing Blackmer's MLX Sliding Vane pumps (model MLX4B, specifically) and has not had any issues for more than 3 years. At flow rates up to 600 gpm, the MLX Sliding Vane pumps are able to easily begin the process of unloading each barge due to their self-priming capabilities, and continue to provide superior performance and sealing even after significant in-service time due to the self-adjusting sliding vanes. Another big plus was the vane pump's ability to strip lines, thereby transferring fatty acids to its next storage point. Due to these advantages, the user has standardized on Blackmer's MLX Sliding Vane pumps for this application.

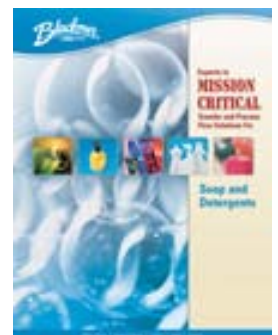
For more information on Blackmer MLX Sliding Vane pumps, please visit us at www.blackmer.com

We welcome your feedback and hope you find this information useful.

Respectfully,



[MLX Spec Sheet \(PDF\)](#)



[Transfer and Process Flow Solutions Brochure \(PDF\)](#)

[If you have any questions or would like additional information, please feel free to reply to this email.](#)

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