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PRESS RELEASE

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BLACKMER SLIDING VANE PUMPS PROVIDE DESIGN ADVANTAGES FOR HANDLING PAINT & COATINGS SOLVENTS

Grand Rapids, MI – Blackmer, the global leader in the design and manufacture of positive displacement rotary vane pump technologies, has announced that the design and construction of its various lines of Sliding Vane Pumps provide the perfect technology to prevent evaporation during the transfer of solvents in the Paint and Coatings industry.

The movement of solvents is one of the key components of the manufacture of paint and coatings. These solvents, which act as a drying agent when introduced to paint and coatings, are low-viscosity, volatile and oftentimes combustible liquids. Organic and aromatic solvents that are used in paint and coatings production include petroleum mineral spirits, benzol, alcohol, esters, ketones, acetones, linseed, coconut and soybean oil, while alkyds, acrylics, epoxies and polyurethanes are among the most popular synthetic solvents.

As organic solvents evaporate, they release volatile organic compounds (VOCs) and hazardous air pollutants (HAPs) to the atmosphere, making them a serious environmental concern and ensuring that their containment is a high priority for paint and coatings manufacturers. In addition, most paint and coatings plants handle many different types of solvents, increasing the potential for evaporation when switching operations between two batches. Because of this, the pumps used during their transfer must possess the seal integrity and zero-shaft-leakage design that are pivotal in evaporation prevention.

Blackmer Sliding Vane Pumps possess all of these attributes, as well as other necessities in the transfer of solvents, such as self-priming, dry-run, high suction operation and volumetric consistency. The Blackmer ProVane® Motor Speed Pump, seal-less mag-drive SMVP Series Sliding Vane Pump, SNP Sliding Vane Pump (pictured), ML/HXL Series Sliding Vane Pumps and X/GX Series Sliding Vane Pumps all meet the exacting standards required in this critical paint and coatings application.

For more information about all lines of Blackmer sliding vane pumps, please contact Jim Becker at (616) 475-9390 or becker@blackmer.com.

Blackmer is a global leader in the design and manufacture of high quality flow technologies, including peristaltic hose, eccentric disc and rotary vane positive displacement pumps, centrifugal pumps, screw compressors, air elimination systems and sliding vane and reciprocating compressors for the transfer of liquid and gas products. Blackmer pumps and compressors are used worldwide in a variety of industries including Soap & Detergents, LPG, Chemical & Industrial Processing, Energy, Food & Sanitary, Military/Marine and Mobile Transport industries. Blackmer is part of Dover Corporation.



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