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PRESS RELEASE

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Blackmer's ProVane® Motor Speed Vane Pump Gains Wide Spread Popularity in Continuous-Duty Soap and Detergents Applications

Grand Rapids, MI – Blackmer, a Dover Company, and global leader in the design and manufacture of positive displacement rotary vane, eccentric disc and centrifugal pump technologies and compressors, announced today that after two years of commercialization, its innovative ProVane® Motor Speed Vane Pump has proven to help Soap and Detergents manufacturers improve operational efficiencies and reduce initial purchase costs. Introduced in January 2005, the ProVane® was specifically designed for soap and detergents process applications where efficiency, performance and value are desired.

The Blackmer ProVane® pump delivers reliability, reduced preventative maintenance, and operating speeds up to 3600 rpm with capacities from 6 to 100 U.S. gallons (379 liters) per minute in sizes ranging from 3/4" to 2". Designed for continuous-duty operations, this pump offers the self-priming, low shear, superior line stripping and fluid transfer efficiency of traditional vane pumps with the added benefits of higher operating speeds, longer bearing and vane life, and one mechanical seal. Utilizing motor speed technology, the ProVane® pump does not require a gear reducer, so it offers upfront equipment, installation and energy cost savings, not to mention the smaller footprint of a complete pumping unit.

Other features of the ProVane® pump include, a patent pending rotor and shaft design with a larger, sturdier shaft for efficient pressure and velocity profile on the bearings, resulting in an energy-saving hydrodynamic journal bearing condition; commercial mechanical seals, offering a wide range of sealing options including cartridge, tandem and double configurations to match your application needs and significantly reduce the leak risks and product loss potential of expensive raw materials, concentrated dyes and fragrances; and, the Blackmer patented noise suppression-pumping liner that effectively reduces the noise and wear affects of cavitation to further reduce potential maintenance time and costs.

In soap and detergents operations, Blackmer ProVane® Motor Speed Vane Pumps are being used to move high-purity chemicals, acids and caustics throughout batch and continuous processes; to move concentrated dyes and perfumes from totes to liquid detergents pre-mixer operations; and to move additives, builders and surfactants to mixer/blenders.

For more information about Blackmer ProVane® 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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