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PRESS RELEASE

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BLACKMER UNVEILS STAINLESS STEEL FAMILY OF PUMPS FOR ALL SOAP AND DETERGENTS PROCESSING APPLICATIONS

Grand Rapids, MI – Blackmer, a global leader in positive displacement rotary vane, eccentric disc, peristaltic hose and centrifugal pump technologies, announced today it has one of the most complete Stainless Steel pump lines for the soap and detergents industry. Many raw materials in the soap and detergents industry are better suited to be processed and transported via stainless steel pumping systems. Blackmer's stainless steel family of pumps are ideal for the soap and detergents industry due to their needs for high purity and corrosion-resistant materials of construction. Also, stainless steel pumps from Blackmer are easy to clean, with the C-Series pumps having Clean-in-Place (CIP) capabilities for in-process material changes.

Included in the stainless steel family from Blackmer are the ProVane, SNP and SMVP sliding vane pumps, and the C- and Micro C-Series eccentric disc pumps. Each pump has many benefits throughout the soap and detergents manufacturing and production process.

ProVane™ – Blackmer's ProVane™ Motor Speed Vane Pumps are designed specifically for reliable continuous duty operation. The ProVane™ pumps feature a hydrodynamic journal bearing to provide superior seal and bearing life. This design feature also significantly reduces heat build-up and energy loss, resulting in higher mechanical efficiency and energy savings. The ProVane™ pump is capable of low flow, high head applications on low viscosity fluids where centrifugal pumps can't run. ProVane™ pumps offer superior priming and suction capabilities for clearing tanks, stripping lines and pump chambers when making in-line material changes. The pump line offers operating speeds up to 3,600 rpm with capacities to 100 U.S. gpm, and is available in five sizes ranging from 3/4" to 2". Blackmer's patented Cavitation/Noise Suppression Liner that controls the wear effects of cavitation and reduces noise levels up to 15 dbA is available for both stainless steel and ductile iron pumps. ProVane™ pumps offer easy maintenance – the pump can be completely rebuilt with piping attached.

SNP – SNP Sliding Vane Pumps are designed for the gentle handling of raw materials in the soap and detergents production process. The stainless steel SNP pumps can pull exceptional vacuum making them ideal for line stripping, tank clearing and top or bottom unloading applications. SNP pumps can handle viscosities in excess of 4,250 cP (20,000 SSU). With capacities from 2 to 265 gpm (8 to 1,003 lpm), the complete line is available in 1 1/4, 1 1/2, 2, 2 1/2 and 3-inch port sizes. The vane technology principles of the SNP pump ensure superior performance even after significant in-service time, eliminating efficiency-robbing "slip" that may occur with other pump technologies.



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SMVP – SMVP Sliding Vane Pumps are up-to-date with “Best Available Control Technology” regulations for handling expensive, hazardous or hard-to-seal fluids for the soaps and detergents industry. SMVP pumps combine Blackmer’s proven sliding vane design with a seal-less magnetic coupling to meet the growing need for zero shaft leakage when handling soap and detergent raw materials. SMVP pumps are engineered with replaceable casing liners and end discs that allow easy rebuilding of the pumping chamber to like-new condition without removing the pump from the piping. The unique sliding-vane pump design maintains consistent performance for the life of the pump. SMVP pumps are capable of handling maximum viscosities of 25,000 SSU (5,250 cP) with flow rates of 4 to 333 U.S. gpm (15 to 1,260 lpm).

C-Series – Blackmer’s C-Series Eccentric Disc Pumps are sealless, eliminating leakage and costly product loss of high-value liquids. The pumps use a unique eccentric pumping motion that delivers high-volume efficiency while gently handling shear-sensitive liquids. The pump is capable of passing solids up to 3 mm in size without performance degradation. C-Series pumps can be flushed and cleaned-in-place without disassembly and are capable of dry priming, line stripping and tank clearing for use in multi-purpose pumping applications. The pump line is available in stainless steel and ductile iron models, capable of handling up to 10,000 cst (46,000 SSU) liquids and maximum differential pressures to 130 psi (9 bar). **Micro C-Series** – Blackmer’s new Micro C-Series Eccentric Disc pumps were designed for transferring and dosing additives in continuous processing applications and are available in three new models with flow rates ranging from 0.03 gpm (0.1 lpm) to 2.2 gpm (8.3 lpm) at maximum differential pressures of 217.5 psi (15 bar), 145 psi (10 bar) and 72.5 psi (5 bar). The new pump is ideal for handling thin, abrasive, aggressive and higher viscosity fluids due to its low contact piston speed between the piston and cylinder. The Micro C has dry running capabilities for self-priming with strong suction lift and is also designed to be flushed and cleaned in place (CIP). It features sealless technology (no mechanical seals) for zero leakage and maintains consistent delivery and pressure over long periods of time. Due to its small design, the Micro C is easily integrated into many applications. The pump measures only 9.5 inches in length and 5.4 inches in height (242 mm in length and 138 mm in height).

For more information about Blackmer’s stainless steel family of 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 LPG, Chemical and Industrial Processing, Energy, Food & Sanitary, Military/Marine and the Mobile Transport industries. Blackmer is part of Dover Corporation.

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