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## PRESS RELEASE

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## BLACKMER'S PROVANE® MOTOR SPEED VANE PUMPS REDUCE ENERGY COSTS, IMPROVE EFFICIENCIES FOR SOAP & DETERGENTS MANUFACTURERS

**Grand Rapids, MI** – Higher energy costs continue to impact the bottom line for many soap and detergents manufacturing plants. A major component of these rising energy costs are industrial pumping systems used throughout many soap and detergents manufacturing facilities. Pumping systems can account for 25-30% of the energy usage in certain industrial plant operations. In an effort to reduce energy costs, Blackmer, a global leader in positive displacement rotary vane, eccentric disc and centrifugal pump technologies, designed its new ProVane® Motor Speed Vane Pump line to eliminate the need for a gear reducer, lowering the overall energy usage and installation costs.

ProVane® pumps are available in both ductile iron and stainless steel models and 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. ProVane® 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". The pumps are capable of handling viscosities up to 5,000 SSU (1,100 cP), operating temperatures up to 240°F (115°C), working pressures to 350 psi (24.1 Bar), and differential pressures to 125 psi (8.6 Bar).

Blackmer's new ProVane® Motor Speed Vane Pump line improves efficiencies in soap and detergents operations by eliminating additional installation and equipment costs, improving uptime, and requiring less space than traditional pumps. Designed specifically for reliable continuous duty operation, ProVane® pumps are well suited for moving oils and fats, high-purity chemicals, acids, and caustics throughout soap batch and continuous processes and in moving concentrated dyes, perfumes, liquid formulas and detergents throughout all facets of the operation.

For more information about Blackmer ProVane® pumps, please contact Jim Becker at (616) 475-9390 or [becker@blackmer.com](mailto: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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