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PRESS RELEASE

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Blackmer's SMVP Series Succeeds at Handling Deionized (DI) Water in Manufacturing Applications

Grand Rapids, MI – Blackmer, the global leader in positive displacement rotary vane pump technologies, announced today that its SMVP Seal-less Mag-Drive Sliding Vane Pumps have increased in popularity for the specific use of effectively handling deionized water during the manufacturing process of many types of products. DI water can improve end product quality, shelf life and performance of certain products. However, DI water is non-lubricating and, due to its nature, somewhat corrosive to many types of materials making it difficult to handle for various pump technologies. Blackmer's SMVP, which stands for Stainless Magnetically Coupled Vane Pump, succeeds at handling DI water since it is constructed of 316 stainless steel and designed with self-lubricating carbon graphite sleeve bearings ensuring no metal-to-metal contact. The SMVP is also designed with a seal-less magnetic coupling to meet the growing demand for zero shaft leakage when handling expensive, hazardous, and hard-to-seal fluids.

Blackmer's SMVP Series is available in six models: SMVP15, SMVP30, SMVP50, SMVP100, SMVP200 and SMVP300. Flow rates range from 4 to 333 U.S. gpm (15 to 1,260 lpm) with an operating temperature range of -40°F to 200°F (-40°C to 96°C) and viscosity range up to 5,250 cP (25,000 ssu). Environmental concerns, workplace safety, EPA requirements, and local government agency regulations may make the SMVP the "Best Available Control Technology" (BACT) for certain chemicals. SMVP pumps offer the best combined characteristics of sustained high-level performance, energy efficiency, trouble-free operation and low maintenance cost.

The SMVP seal-less pump models have a unique bearing and head design that allows a small quantity of pumpage to circulate through the containment can and bearing surfaces. This positive flow of fluid minimizes temperature rise for maximum bearing life. Seal-less pump models are also equipped with samarium-cobalt magnets as standard construction. This rare earth material prevents permanent magnet degradation if adverse operating or "break-free" conditions occur.

For more information about Blackmer SMVP 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 the Dover Corporation.

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