

FOR IMMEDIATE RELEASE

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Blackmer® SMVP Pumps Provide Seal-Less, Mag-Drive Design Advantages In Liquid-Terminal Applications

Grand Rapids, MI – Blackmer®, a global leader in positive displacement pumps and reciprocating compressor technologies, has announced that its SMVP Series Sliding Vane Pumps have been designed to combine proven sliding-vane technology with a seal-less magnetic coupling to optimize product containment when handling expensive, hazardous or hard-to-seal fluids, such as those found in liquid-terminal applications. The seal-less design of the SMVP pumps results in zero shaft leakage, which is a crucial concern when mixing, blending, loading/unloading or packaging the many types of liquids that are found in terminal operations.

SMVP pumps are constructed of 316 stainless steel with metalized carbon sleeve bearings and non-metallic vanes for longer life. The presence of self-lubricating carbon graphite sleeve bearings means there is no metal-to-metal contact during operation, which makes the SMVP pumps ideal for dry-run priming and line-stripping duties. The SMVP pumps also feature 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. They 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.



Blackmer's SMVP Series pumps are available in six models: SMVP15, SMVP30, SMVP50, SMVP100 and SMVP200. Flow rates range from 4 to 215 U.S. gpm (15 to 813 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). This versatility allows the SMVP pumps to offer the best combined characteristics of sustained high-level performance, energy efficiency, trouble-free operation and low maintenance cost.

For more information on the Blackmer SMVP Series Sliding Vane Pumps, please go to www.blackmer.com. Blackmer is a member of Dover Corporation's Pump Solutions Group (PSG™). For more information on PSG and its member companies, visit www.pumpsg.com.

Blackmer® is the leading global provider of innovative and high-quality rotary vane pump and reciprocating compressor technologies for the transfer of liquids and gasses. For more than a century, the Blackmer name has stood for unparalleled product performance, superior services and support, well-timed innovation and a commitment to total customer satisfaction. Supported by a worldwide network of distributors and original equipment manufacturers, Blackmer pumps and compressors are used in a multitude of applications in the Process, Energy and Military & Marine markets. Blackmer—headquartered in Grand Rapids, Michigan, USA—is a member of Dover Corporation's Pump Solutions Group (PSG™).

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