

**FOR IMMEDIATE RELEASE**

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## **Blackmer® STX3-DEF Sliding Vane Pump Ideal For Diesel Exhaust Fluid (DEF) Transfer Applications**

**Grand Rapids, MI** – Blackmer®, a global leader in positive displacement pumps and reciprocating compressor technologies, announces that its new STX3-DEF Sliding Vane Pumps are ideal for the loading and unloading of Diesel Exhaust Fluid (DEF). EPA 2010 vehicles equipped with Selective Catalytic Reduction (SCR) technology use DEF. DEF is a solution made up of purified water and 32.5 percent automotive-grade urea used as a carrying agent for the ammonia needed to reduce nitrogen oxide (NOx) emissions from vehicles into nitrogen, water and carbon dioxide (CO<sub>2</sub>).

STX3-DEF pumps are made from 316 stainless steel with external ball bearing construction, non-metallic Duravanes®, FKM elastomers and Blackmer chemical mechanical seals to provide longer transport pump life with liquids such as DEF. The STX offers high capacity flow rates up to 250 gpm (946 lpm), differential pressures up to 125 psi (8.6 Bar) and pump speeds up to 800 rpm, delivering fast fluid off-loading. A 6,000 gallon (22,700 liter) tanker can be unloaded in about 24 minutes.



The pump's non-metallic vanes self-adjust for wear and to maintain flow rate, while minimizing shear and agitation. An adjustable relief valve protects the pump from excessive pressures. It has excellent self-priming and dry run capabilities and maintenance is reduced because internal wear is almost completely limited to the easily replaced sliding vanes.

For more information on the Blackmer STX Series Sliding Vane Pumps, contact Tom Stone at [stone@blackmer.com](mailto:stone@blackmer.com) or (616) 248-9252, or visit [www.blackmer.com](http://www.blackmer.com). Blackmer is a member of the Pump Solutions Group (PSG™). For more information on PSG and its member companies, visit [www.pumpsg.com](http://www.pumpsg.com).

*Blackmer® is the leading global provider of innovative and high-quality rotary vane pump, centrifugal 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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