



Quaker Chemical Showcases Heat Activated Die Release Agents at NADCA 2017

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CONSHOHOCKEN, Pa., Sept. 12, 2017 /PRNewswire/ -- One constant challenge in the die casting industry is uneven die protection resulting from the temperature variation on the die surface. Temperature variation is caused by the variability in die size, design, complexity, flow of alloy through the die, and heat profile of each system. Traditional die lubricants, unable to adapt to the disparity in die temperatures, can be good at protecting hot areas of the die, but can produce residue build-up in cooler areas causing:

- Lost production time
- Complications with solder on the casting
- Extra die maintenance



To this end, Quaker Chemical Corporation (NYSE: KWR) ("Quaker") formulated Smart Polymer technology based on heat activated polymers. DIE SLICK die release agents formulated with Smart Polymer technology form a tough barrier on hot areas of the die, while lightly coating cooler, less demanding areas. And for our customers this means:

- **Lower Total Cost** – Increased die life, improved cycle time shots/hour and reduced maintenance
- **Increased Performance** – Brighter castings, reduced soldering and residue, and excellent emulsion stability
- **Improved Production** – Excellent part quality and shorter cycle times

Quaker will be exhibiting at the 2017 North American Die Casting Association Congress & Tabletop in **Booth 209** with their Die Casting product line, including die release agents with Smart Polymer Technology, plunger lubricants, ladle coatings, machining coolants and QUINTOLUBRIC® fire-resistant hydraulic fluids. The show will be held from September 18th to 20th at the Atlanta Convention Center at Americasmart. Visit <http://www.quakerchem.com/NADCA2017> for more information and the full Die Casting product line offerings.

For more industry related information, please visit: <http://www.quakerchem.com/product/die-casting-lubricants/>

For more information on Quaker Chemical and its full product line offerings, please visit <http://www.quakerchem.com>.

About Quaker Chemical Corporation:

Quaker Chemical Corporation is a leading global provider of process fluids, chemical specialties, and technical expertise to a wide range of industries, including steel, aluminum, automotive, mining, aerospace, tube and pipe, cans, and others. For nearly 100 years, Quaker has helped customers around the world achieve production efficiency, improve product quality, and lower costs through a combination of innovative technology, process knowledge, and customized services. Headquartered in Conshohocken, Pennsylvania, USA, Quaker serves businesses worldwide with a network of dedicated and experienced professionals whose mission is to make a difference. Visit www.quakerchem.com to learn more.

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