



## Quaker Chemical Unveils a New Portfolio of Advanced Metal Removal Fluids

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### QUAKERCOOL® 700 and QUAKERCOOL® 7000 Series Emulsion Technology

CONSHOHOCKEN, Pa., Oct. 20, 2015 /PRNewswire/ -- **Quaker Chemical Corporation** (NYSE: KWR, "Quaker") is introducing a new portfolio of metal removal emulsion technology to serve the metalworking industry's automotive/heavy equipment manufacturers and components producers that operate with diverse metallurgies. Driven by increasing performance demands in the metalworking industry, including evolving health, safety and environmental standards, Quaker has developed two new platform technologies, **QUAKERCOOL® 700 Series**, designed for ferrous machining and **QUAKERCOOL® 7000 Series** for aluminum and multi-metal machining. The major benefactors of this development will be producers of metal components with individual machining cells or smaller central systems. This new portfolio of six metal removal fluids offers end users a defined selection of high performance choices to suit their specific needs for process efficiency and lower total cost of ownership.

The new formulations reduce the historical use of hazardous materials such as boron, formaldehyde, and other substances of concern. The improved emulsion characteristics in several of the fluids directly influence plant metrics by reducing the chemical consumption or water use per part, while defending against traditional degrading materials like tramp oils. Benefits of both QUAKERCOOL® series include:

- **Excellent biostability** against bacteria and fungi
- Flexibility for a **wide range of operations** including tapping and reaming
- Handles a broad array of materials including **aluminum, stainless steel, steel, ductile cast iron, compacted graphite iron (CGI), and titanium alloys**
- **No to low foam** and **excellent emulsion stability** over an expanded range of water hardness
- High operator acceptance due to **low mist and odor**

"The QUAKERCOOL® 700 and QUAKERCOOL® 7000 Series is a breakthrough technology portfolio for the Metalworking Industry that goes beyond the baseline performance thresholds, or conventional growing pains. The portfolio will deliver tangible reductions in tooling costs, as well as enhanced part quality and productivity over traditional fluids. Field tested, these products are running in more than 125 systems," stated Jon Plawchan, Global Product Manager.

For more specific information on the new QUAKERCOOL® 700 and 7000 Series technology and the product line, please visit: <http://www.quakerchem.com/QUAKERCOOL7SERIES>

For more industry related information, please visit: <http://www.quakerchem.com/product/metal-removal-fluids/>

For more information on Quaker Chemical and its full product line offerings, please visit [quakerchem.com](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](http://www.quakerchem.com) to learn more.

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SOURCE Quaker Chemical Corporation

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