



Quaker Introduces New Approaches to Coolants at IMTS

August 27, 2014 at 11:12 AM EDT

CONSHOHOCKEN, Pa., Aug. 27, 2014 /PRNewswire/ -- The metalworking fluid industry is already playing an essential role in Resource-Efficient Manufacturing (REM) by providing smart, sustainable solutions towards resource efficiency. Quaker Chemical Corporation (NYSE: KWR), a global leader in metalworking fluids, is putting sustainable chemistry into action by helping customers on issues of energy efficiency, waste reduction, safety, and durability through new approaches to coolant and cleaner use. This year at the IMTS show, Quaker Chemical will be introducing their high performance metal removal fluids, QUAKERCOOL® 700 Series and highlighting their eco-efficient dual phase technology, 2PAQ™.



It's what's inside that counts.®

The QUAKERCOOL® 700 Series metal removal fluids are mineral oil free micro-emulsions. These products have been uniquely designed for exotic machining and grinding operations on titanium alloy, compacted graphite iron (CGI), stainless steels, and other high nickel-chrome alloys. In addition, they can also be used for critical surface finish machining of cast and wrought aluminum. Key benefits include superior tool life, excellent short-term corrosion protection, and a lower vapor pressure technology which results in an operator friendly environment.

In an aligned effort, Quaker has developed a new approach to coolants and cleaners which is known as 2PAQ™. This dual phase technology is designed around a lubrication phase and alkaline phase which will perform a wide range of machining and grinding operations on cast iron, steel and aluminum alloys. The fluid, when used as a cleaner, can also be added to the coolant tanks for top-ups – therefore it is used twice. This approach can result in as much as 90% reduction in waste generation showing savings in water consumption, capital investments in wastewater treatment equipment, and energy and wastewater treatment costs.

Quaker will be showcasing their new approaches to their high performance machining and grinding [coolant technology](#) along with the Sarah Fisher Hartman Racing Indy Car, and also have appearances from the teams driver Josef Newgarden at the International Manufacturing Technology show on September 8-13, 2014 in Chicago, Illinois – Booth W2049.

For more information on Quaker Chemical, and its full product line offerings, including Chemical Management Services, please visit quakerchem.com.

About Quaker Chemical Corporation:

Quaker Chemical 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 quakerchem.com to learn more.

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SOURCE Quaker Chemical Corporation

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