



Quaker Chemical Corporation presents a webinar to share its industry expertise on bi-metal machining

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Lubrication & Metalworking Fluid Performance in the Machining of Bi-Metal Components

CONSHOHOCKEN, Pa., Feb. 28, 2017 /PRNewswire/ -- Bi-metal machining calls for metalworking fluids to meet challenging performance requirements. While the mechanical, thermal, and wear properties of the two dissimilar metals serve to fulfill specific design features, the simultaneous machining of the different metals often give rise to problems with:

- Machined surface finish
- Elevated cutting forces
- Machined part dimensions
- Accelerated tool wear



To address the machining challenges and fluid requirements associated with machining dissimilar metals, and methods useful for studying machinability and fluid performance, Modern *Machine Shop Magazine* will be hosting the webinar, "**Lubrication & Metalworking Fluid Performance in the Machining of Ferrous Metal-Cast Aluminum Bi-Metal Components**" on Thursday March 9th, 2-3 PM EST. This webinar will be presented by Dr. Robert Evans, Senior Research Scientist – Metalworking, for Quaker Chemical Corporation (NYSE: KWR, "Quaker").

Driven by these increased performance demands, Quaker has specifically formulated QUAKERCOOL[®] 7450 for excellent aluminum tapping and reaming and superior performance in bi-metal machining. The webinar will also review the comparative machining results of QUAKERCOOL[®] 7450 and a standard aluminum machining fluid and the methodology for simulating bi-metal machining tests in Quaker's technical centers.

Attend this free webinar using the following link: <https://attendee.gotowebinar.com/register/4809937140949597955>

For more information on Quaker and its metal removal fluid offerings, please visit: <http://www.quakerchem.com/product/metal-removal-fluids/>.

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 and cans. 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.

To view the original version on PR Newswire, visit: <http://www.prnewswire.com/news-releases/quaker-chemical-corporation-presents-a-webinar-to-share-its-industry-expertise-on-bi-metal-machining-300414923.html>

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