



Manage Fire Safety in Hot Forming Hydraulic Presses with QUINTOLUBRIC®

May 20, 2015

Quaker Chemical Spotlights its Fire Resistant Hydraulic Fluids and PRIMECOAT™ Surface Treatments at CHS2 and Galvatech 2015

CONSHOHOCKEN, Pa., May 20, 2015 /PRNewswire/ -- Hydraulic presses for hot sheet metal forming are a critical asset for manufacturers engaged in press hardening operations. If fires take place on the press when the metal reaches temperatures around 900 degrees C (1652 degrees F), the manufacturer runs the risk of large capital loss, serious safety risks for operators, increased insurance premiums and production losses for days.

Mineral oils are highly flammable and are a serious source of fire hazard in high temperature environments and applications close to open flames or red-hot metal parts. The risk is further increased by the rapid and aggressive ignition rate of mineral oils, which can cause disruption in production, plant shutdown, and threats to worker safety.

These dangers can be reduced and managed preventively with Quaker Chemical (NYSE: KWR) fire-resistant fluid solutions:

- **QUINTOLUBRIC®** <http://www.quintolubric.com/product-category/synthetic-water-free-fluids-hfd-u/>

Fire prevention tactics are standard risk control strategies implemented in a wide-range of industries. Working as a loss preventative measure, the benefits of replacing mineral oil with QUINTOLUBRIC® as a fire-resistant hydraulic fluid include:

- Superior fire resistance when compared to mineral oil;
- Ease of transition and an effective replacement for mineral oil. Generally requires no hydraulic system modification, no special maintenance, and is compatible with commonly used seal and hose material;
- Enhanced hydraulic fluid performance including efficient lubrication, fluid longevity and effective filterability.

The QUINTOLUBRIC® line of fire-resistant hydraulic fluids (<http://www.quintolubric.com/products/>) keeps machines working at optimal performance with fewer interruptions and a longer life span for a lower total cost of ownership, increased safety, and reduced risk.

Quaker's fire-resistant hydraulic fluids, and PRIMECOAT™ Surface treatments (<http://www.quakerchem.com/product/surface-treatments/>) will be represented at **CHS² and Galvatech 2015** Conference and Exhibition. Quaker will be exhibiting at **Booth 114** (<https://www.aist.org/conference-expositions/chs2/exposition>) from May 31st to June 4th at the Sheraton Centre in Toronto, Ontario, Canada.

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.

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