Quaker Chemical features Fire Resistant Hydraulic Fluids at the CHS(2) International Conference on Hot Sheet Metal Forming of High-Performance Steel

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CONSHOHOCKEN, Pa., May 31, 2017 /PRNewswire/ -- Quaker Chemical Corporation (NYSE: KWR) ("Quaker") will present its fire-resistant hydraulic fluids solutions at the **CHS^2 Conference on Hot Sheet Metal Forming** from June 4th-7th 2017 in Atlanta GA, USA. (http://chs2.eu/Conference-2017.942.0.html).

Hot forming operations, also known as press hardening, have all the elements of a fire hazard—900°C (1,652°F) hot surfaces, pressurized oil in the hydraulic systems, and the proximity of the hot surfaces to the pressurized oil. If the oil ignites, it can create a torch-like, exploding fire resulting in significant equipment damage and serious safety risks for operators.

Today a large number of hydraulic presses for hot sheet metal forming are still filled with a mineral oil-based hydraulic fluid that presents a considerable fire hazard. Even though press-hardening operators are concerned about the risk, many are not aware that there are safer, cost-effective hydraulic fluid alternatives.

To mitigate these potentially serious risks, more and more press hardening operators are taking a fresh look at synthetic ester-based hydraulic fluids (HFD-U) that offer increased fire resistance. **Quaker** offers a best-in-class line of fire-resistant hydraulic fluid solutions:

- **QUINTOLUBRIC®888 Series** (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.

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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SOURCE Quaker Chemical Corporation

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