



Quaker Chemical's Fire-Resistant Water Glycol Hydraulic Fluid

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CONSHOHOCKEN, Pa., Dec. 12, 2013 /PRNewswire/ -- Many industrial applications such as steel-making, die casting, foundry, and forging require the use of hydraulic fluids that provide greater fire safety than mineral oil. Hydraulic fluids are a vital component of hydraulic systems. The fluids must meet many stringent performance demands including corrosion protection, lubrication, and viscosity stability. There are many types of fire resistant hydraulic fluids available, but **water glycol** hydraulic fluid is one of the most widely used because of its excellent **fire-resistant** properties and performance.

(Photo: <http://photos.prnewswire.com/prnh/20120910/PH70044LOGO>)

The expected level of **hydraulic fluid** performance in operating pressures, safety and reliability has increased, making a hydraulic fluid with fire-resistant properties ideal for operations near a heat source or fire hazard such as molten metal and open flame. Therefore, the hydraulic fluid selected should have maximum resistance to ignition and flame propagation, especially if the machines are in close proximity to one another. Fire-resistant water glycol hydraulic fluids have been developed in order to minimize the potential risks of fire thus providing a safer work environment for employees while maintaining fluid performance characteristics such as viscosity, corrosion resistance, lubricity, operating temperature ranges and system compatibility.

Quaker Chemical Corporation (NYSE: KWR), a global leader in process fluids, has introduced [QUINTOLUBRIC® 702-46 RD](#) to its line of QUINTOLUBRIC® fire-resistant hydraulic fluids. QUINTOLUBRIC® 702-46 RD is a fire resistant water glycol fluid which offers superior in-class performance and safety, reduced maintenance, and longer product life.

QUINTOLUBRIC® 702-46 RD is a premium water glycol fire-resistant fluid that has obtained FM Approval as a less hazardous fluid. QUINTOLUBRIC® 702-46 RD is designed to provide optimum performance in hydraulic systems where fire-resistant fluids are required. Specific additives formulated into the QUINTOLUBRIC® fire-resistant water glycol hydraulic fluid support water hydraulic equipment by preventing corrosion in components and piping, inhibiting bacterial growth in the fluid and extending component life. Key benefits include excellent fire-resistance, minimal foaming, high viscosity index and extended pump life in systems operating under high pressure or in overloaded hydraulic systems.

"Quaker is known for delivering innovative solutions for industry problems and our QUINTOLUBRIC® product line offers technologies that fit various needs. Adding an in-house formulated water glycol fluid rounds out our line. QUINTOLUBRIC®702-46 RD will certainly meet the needs of the industry," states Peter Skoog, Quaker Chemical Global Product Manager for Fluid Power.

For more information on Quaker Chemical and to learn how this technology can be employed to improve efficiency and help lower fluid related costs, please visit quakerchem.com and quintolubric.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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Eliana Holguin, Global Marketing Manager, holguine@quakerchem.com, T. 610.832.7897