



## Quaker Chemical Honed in on Metalworking Coolant

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### Chemical Management Services Provide Product Consolidation and Annual Savings

CONSHOHOCKEN, Pa., Dec. 6, 2011 /PRNewswire/ -- Partnering with a leading automotive manufacturer in the U.S., Quaker Chemical Corporation (NYSE: KWR) was charged with reducing metalworking coolant and central system operating costs, and with consolidating the number of metalworking products in the automotive plant. Quaker utilized its [Chemical Management Services](#) expertise to inventory the metalworking products currently being used in the plant, and to recommend the best metalworking coolant for the customer's honing operations.

Quaker recommended the automotive manufacturer convert to QUAKERAL<sup>®</sup> 381 SD, a high-performance emulsifiable [metalworking fluid](#) designed to control microbiological growth, including [Mycobacteria](#) in heavy-duty [machining and grinding operations](#). This metalworking coolant was already being used elsewhere in the plant, and had approval from the major honing OEM used in the manufacturer's facility.

Quaker implemented the conversion of the automotive manufacturer's 4,400-gallon honing system, handling 3.7 liter cast iron cylinder blocks.

QUAKERAL<sup>®</sup> 381 SD provided the surface finish needed in the [honing operation](#), and saved the automotive manufacturer almost 54% annually in metalworking coolant and related honing operating costs.

This [documented case study](#) is just one example of how Quaker Chemical partners with automotive customers to improve their efficiencies and lower fluid-related costs in machining and grinding. For more information on Quaker Chemical and its full product line offerings, including [Chemical Management Services](#), please visit [www.quakerchem.com](http://www.quakerchem.com).

*Quaker Chemical Corporation is a leading global provider of process chemicals, chemical specialties, services, and technical expertise to a wide range of industries – including steel, aluminum, automotive, mining, aerospace, tube and pipe, coatings and construction materials. Quaker's products, technical solutions, and chemical management services enhance customers' processes, improve product quality, and lower costs. Quaker's headquarters is located near Philadelphia in Conshohocken, Pennsylvania.*

SOURCE Quaker Chemical Corporation

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