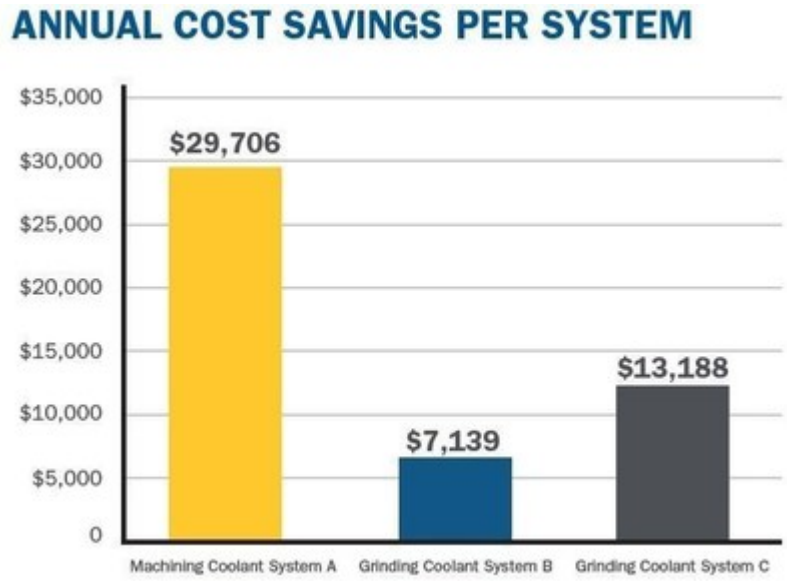
Low Oil, Secondary Amine and Formaldehyde Free Emulsifiable Coolant Lowers Usage Rates

June 7, 2016 at 10:01 AM EDT

CONSHOHOCKEN, Pa., June 7, 2016 /PRNewswire/ -- Common sources of high coolant usage for machining and grinding operations in the Metalworking industry are poor tramp oil rejection and inadequate fines handling, as the coolant can destabilize and become rancid. Additionally, high oil containing coolants and high carry off can all contribute to high coolant usage.



QUAKERCOOL® 740, developed by Quaker Chemical Corporation (NYSE: KWR, "Quaker") to improve increasing health, safety and performance demands in the Metalworking industry, can alleviate these common issues while providing the proper lubrication for machining and grinding operations.

A global automotive manufacturer performing machining and grinding on cast iron cam and crank shafts was experiencing escalated usage rates with a high oil containing, semi-synthetic product. Quaker recommended converting to QUAKERCOOL® 740, a low oil containing emulsifiable coolant with no added chlorine, sulfur, boron, secondary amines, formaldehyde, or phenolic compounds. **QUAKERCOOL® 740 has excellent fines handling properties**, **provides exceptional tramp oil rejection and reduces drag out, which contribute to lower usage**. Throughout the trial, the customer reported no foaming, great microbiological control, no odor issues, and no machining and grinding concerns. By switching all three of their coolant systems to QUAKERCOOL® 740, the customer realized the following results:

- **Total annual cost savings of over $50,000 for all three systems**
- Lowered usage rates due to **reduced carry off** on the part
- **2.5% Reduction in make-up rates** by replacing a higher oil semi-synthetic product

This biostable technology provides excellent sump life and microbiological resistance, including resistance to myco bacteria, and was specifically engineered to provide effective machining for ferrous-based materials in all applications.

For more specific information on the product line and QUAKERCOOL® 740, part of the new QUAKERCOOL® 700 and 7000 Series portfolio, please visit: http://www.quakerchem.com/QUAKERCOOL7SERIES.

For more industry related information, please visit: http://www.quakerchem.com/product/metal-removal-fluids/.

For more information on Quaker Chemical and its full product line offerings, please visit quakerchem.com

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

Jessica Sabedra, Marketing Manager, sabedraj@quakerchem.com, T. +1 610.832.8503