

# The global leader in compliance solutions for the mining industry.



Mining companies today face challenges as never before. Under increasing pressures to create a safe work environment, and lower environmental impact, while also reducing costs, mining operations must be more efficient than ever. At this critical point in time, we are the long-term partner for mining companies seeking to anticipate – and overcome – these challenges. Our highest commitment is to offer solutions that meet the real demands of a complex industry. Whatever comes next.

## Applied Intelligence: The Quaker Houghton Difference

Our mining experts work closely with our R&D chemists to bring unique solutions to your operation. We are the partner you can trust to provide extensive knowledge of your unique operating environment and business goals. We offer on-site expertise to maximize efficiency, durability, and safety.

With Quaker Houghton products and people at work in your mill, you can:

- Implement compliance solutions – support worker safety, lower resource use and reduce environmental impact
- Lower operational costs – realize safety at every step from transaction to application, process-efficiency to waste elimination
- Optimize performance – increase up-time, maximize productivity and extend equipment life

## We Never Stop Improving. So You Can Continue to Succeed

Quaker Houghton is a partner in progress to the most successful mining companies. Whether developing solutions to meet new regulations, or introducing technology to solve operational challenges, manufacturers need to constantly evolve in order to continue to grow and deliver even greater value to their customers. With research and development centers around the world, Quaker Houghton can support customers globally, at the local level, on-site, and one-on-one, to formulate solutions so that our mining customers can stand out, and stay ahead in a changing world.





## Solutions That Optimize Performance

Quaker Houghton solutions are the mining industry standard. Designed based on the needs of the customer, and proven reliable in the most demanding environments.

Our complete range of solutions includes:

- Dust Suppressants
- Fire-resistant and specialty hydraulic fluids
- Gear lubricants
- Greases
- Ground Control Agents
- Longwall Fluids
- Maintenance Cleaners

## Partners in Success

**REDUCED LEVELS OF RESPIRABLE DUST BY 57% AND QUARTZ BY 84%:** An underground mining operation achieved a significant reduction in respirable dust and quartz levels by using our surfactant based dust suppressant on its continuous miner super sections and longwall section

**98% REDUCTION IN ROADWAY DUST:** The introduction of Quaker Houghton’s roadway dust suppressant to a surface mines’ haul road located in a desert climate, extended the re-application intervals, and removed the need for water treatments

**PROVEN 80% REDUCTION IN SOLENOID CONSUMPTION:** In a mining operation the introduction of a Quaker Houghton’s longwall fluid decreased solenoid consumption and eliminated bacteria, fungi, scum build up, and deposits from their longwall fluid systems

**AVOIDANCE OF FIRES:** The conversion to Quaker Houghton’s fire-resistant hydraulic fluid in an underground roof bolter reduced fires caused by hydraulic oil spraying over hot manifolds

**We offer a range of services to help the world’s most forward-looking mining companies run even more efficiently and effectively.**



QH FLUIDCARE™  
Managed Services



QH Technical  
Services



QH Engineering  
Services



QH Equipment  
Solutions

