



DIE CASTING



From die lubricant formulation chemistry to application knowledge – we go beyond to keep your operations running smoothly.

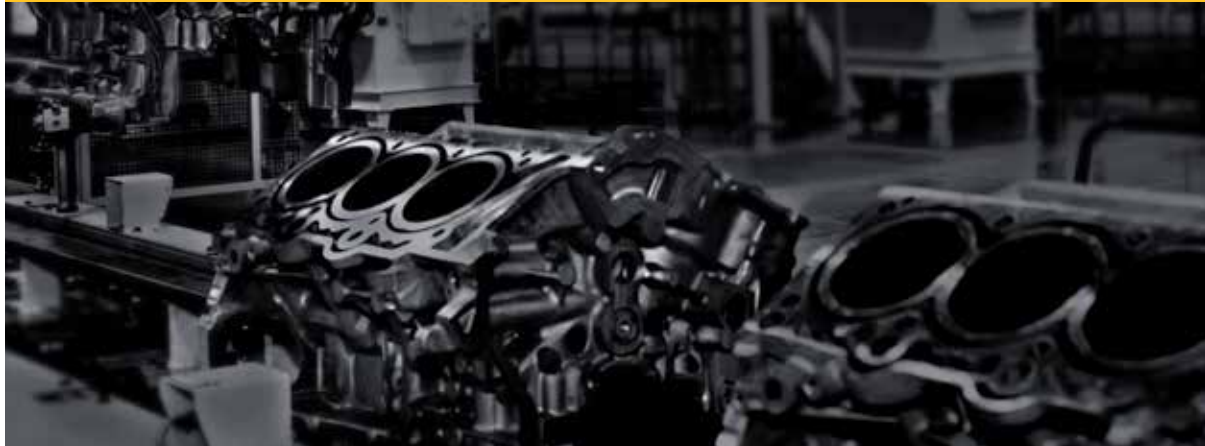
THE RIGHT FLUIDS BENEFIT MORE THAN JUST MACHINES. Because when it comes to improving your overall business – and getting the most from your resources – you need the expertise and experience of a proven leader with over 90 years of industrial service.

That's where Quaker and G.W. Smith, the latest addition to the Quaker family, come in. Trusted around the world as chemists, engineers and technical experts, we're valuable partners in not only reducing costs but also improving your operations. We provide process expertise and customized support services at the local level, for everything from die casting lubrication to specialty hydraulics to metal machining and

finishing. We offer one source of innovative solutions for your die casting needs.

By offering a complete package of value-added fluids supported by our worldwide research, technical expertise and hands-on experience, you will see a maximum return in productivity, and in your processes, quality and profitability.

From our highly trained team behind **Quaker Chemical Management Services (QCMSSM)** to our field staff of die casting process engineers, there's always someone from Quaker available to support you when working with our products and improving your operations.



Whether it's high pressure die casting, plunger lubrication, trimming, cleaning or machining, Quaker has innovative, integrated processes and superior service to optimize your operations and increase profitability.

KEY BENEFITS OF CHOOSING QUAKER SOLUTIONS FOR YOUR DIE CASTING OPERATIONS

- » Lower Total Cost – Increased die life, improved shots/dies and reduced maintenance
- » Increased Performance – Brighter Castings, reduce soldering and excellent emulsion stability
- » Application Support – We work with your teams for the best results
- » Improved Production – Improved part quality and shorter cycle times
- » Reduce Usage, Maintenance and Applied Costs – Positively impact your bottom line
- » Minimize Environmental Impact – Extend product life cycle, reduce power consumption and improve health and safety

INNOVATIVE OFFERINGS FOR:

- » Die Lubricants – DIE SLICK® water-based and water free die lubricants
- » Plunger Lubricants – PLUNGER SLICK® lubricant for plunger tips
- » Ladle Coatings – LADLE SLICK® ceramic coating to protect ladles
- » Trimming Lubricants – TRIM SLICK® used on trim dies
- » Ancillary Support Products – Anti-solder paste, quenching compounds, solid plunger lubricants, greases, squeeze casting lube and more
- » Hydraulic Fluids – Specially designed fire-resistant QUINTOLUBRIC® fluids
- » Metal Removal Fluids – QUAKERAL®, QUAKERCOOL® and QUAKERCUT® for all machining needs
- » SMART Polymer technology – Using our expertise and knowledge to customize lubricants to optimize your performance

A LOCAL PARTNER YOU CAN DEPEND ON. ANYWHERE IN THE WORLD.

Our Associates are on the ground in every region. That means our entire infrastructure (from sales to service, R&D to manufacturing) is designed to support our customers at a local level, whether in one facility or spread across multiple plants.

Put the right partner to work for you during every step of success. Contact Quaker today to transform your business from the inside.