



oelheld
innovative fluid technology

oelSmart® | Aerospace

Innovative fluids and technologies for
ultra-precision metalworking processes



Trusted partner to the aerospace industry

Developed in close co-operation with leading aerospace manufacturers, oelheld's metalworking fluids represent the latest in fluid technology, offering top performance with the complex machining processes and modern superalloys found within the sector. Alongside our fluids, an extended portfolio of associated technologies means we can support customers with tailored packages of complementary products to enhance process performance, productivity and protections for workers, machines and the environment:



Metalworking fluids

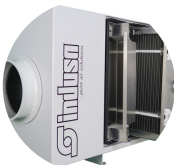
Innovative grinding oils, dielectrics, and coolants with dedicated AirForge®, and Inconel-suitable products that offer outstanding surface finish, excellent productivity and reliable performance.

Tier 1 manufacturer approvals held



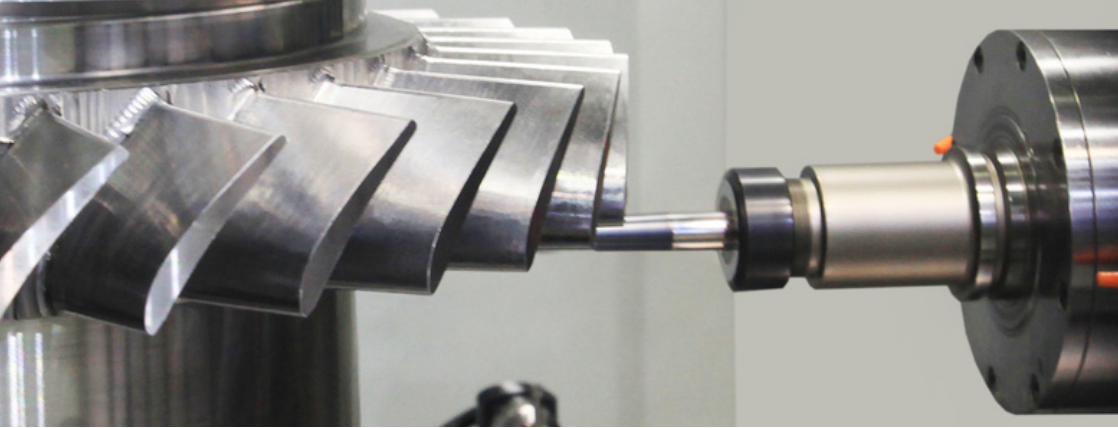
Filtration

Centralised and standalone units filtering to NAS 7 level purity (3-5 microns) and coolant temperature control to ± 0.2 K for reliable repeatability.



Oil mist extraction

Electrostatic and centrifugal units to effectively remove airborne contaminants from the workspace keeping workers and machines protected from potential risks to health and safety.



Our ranges include products which carry recommendations from leading machine manufacturers:



Workholding

Highly-precise reference, clamping and fixturing systems for wire and die-sinking EDM, metal cutting machines, and microtechnology applications from industry experts CarlHirschmann.



Toolclamping

Ultra-precision clamping and balancing equipment for grinding applications, GDS Praezision's products offer exceptional concentricity and run out; the ideal choice for precision engineering.



Quality control services

On-site engineer support, 24/7 remote monitoring software and quality testing services of both air and oil to assist with AS9100 and ISO9001 quality standards, and HSE compliance.



Why Choose Us?

Since 1887 oelheld GmbH has been at the forefront of metalworking fluid innovation, building a reputation as a trusted supplier of high-quality oils, fluids, and lubricants for industry. Over the years we have expanded our product range and manufacturing operations here in the UK to include the design, supply, servicing, and online monitoring of filtration systems for oils and coolants; high quality EDM consumables; mechanical and electrostatic oil mist extraction units; industry-leading workholding; tool clamping which offers the ultimate precision; and maintenance support.

Our complete portfolio has one common goal - to enhance the performance of our customer's capital investments by reducing down time, reducing consumable costs, and increasing the amount of hours that are available for productive manufacturing, all within an HSE compliant environment.



Everything we do here at oelheld UK is delivered with our oelSmart® philosophy in mind. That means our customers benefit from whole-system, proactive support to ensure their fluids and associated equipment are working together for consistent performance, productivity and HSE compliance.

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