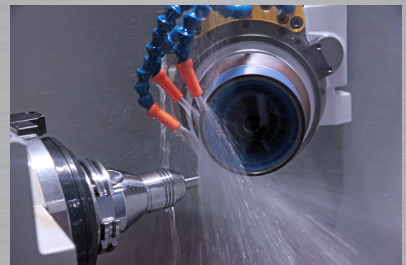


GrindClean

LUBRICANTS

World Class Grinding Coolants and Cutting Fluids



www.grindclean.com





The GrindClean product line was originally developed in 2007 in direct response to increasing customer demand. Our customers were looking for a new generation of high-performance coolants that not only delivered better grinding and machining results but were also environmentally conscious, OSHA-compliant, and safe for operators to use. At the same time, they needed a solution that remained cost-effective to purchase and maintain.

In response to these evolving needs, we set out to develop the GrindClean line of Water-Based Synthetics, Soluble Oils, and Pure Oil Coolants—each formulated to meet the challenges of today's grinding and cutting operations.

As manufacturing machinery continues to advance and utilize increasingly exotic and sensitive materials, we had to ensure that our coolants were corrosion-neutral and capable of maintaining proper pH levels during extended use. We tackled key challenges such as Cobalt Leaching, the presence of airborne bacteria, and the risk of fire from high heat loads and stock removal rates. That meant designing fluids with higher flash points and improved thermal stability.

We also accounted for the evolution of filtration systems. Our coolants are engineered to perform flawlessly even when filtered to sub-micron levels—retaining their critical performance-enhancing additives. We developed low-viscosity oils that remain stable and safe at all operating temperatures by using only 100% pure oils. At GrindClean, we never rely on volatile dilutants to reduce viscosity—we refine it that way from the start.

All GrindClean Coolants and Fluids are tested to meet or exceed machine tool manufacturers' specifications and are trusted daily by leading toolmakers across the United States and Canada. In fact, several Boeing-approved subcontractors rely exclusively on GrindClean coolants for their operations.

No serious coolant supplier is complete without in-house diagnostics. At GrindClean, our dedicated laboratory and analytical services allow us to quickly evaluate coolant condition, identify performance or safety issues, and offer expert recommendations. This results in improved tool life, reduced downtime, and measurable gains in productivity and cost control.

With strategically located facilities in both California and North Carolina, GrindClean keeps your freight costs low and your lead times short—ensuring reliable delivery and responsive service coast to coast.

PRODUCT OVERVIEW

GK01S is a high-performance water-based synthetic coolant designed to improve grinding efficiency across a wide range of machines and materials. It provides superior cooling, rust protection, and lubricity—helping reduce heat generation and tool wear during use. GK01S promotes a clean, safe grinding environment, enhances surface finishes, and extends wheel life. It is environmentally responsible, low-foaming, and effective on steels, ceramics, and glass materials.

GK05LF the GrindClean range's most advanced water-based synthetic coolant, leads the industry in reducing cobalt leaching. Independent tests show it leaches 50% less cobalt than tap water, making it safer and more environmentally friendly. Though not intended for consumption, it is mild enough to be considered non-toxic after dilution. GK05LF leverages cutting-edge synthetic polymer technology to enable faster, more cost-effective grinding while significantly reducing wheel consumption. Unlike other coolants, GK05LF requires no costly chillers or sub-micron filters to deliver peak performance. It also maintains one of the market's lowest initial purchase costs, giving users maximum value.

Oil Pro part of the GrindClean Oil-Based Coolant series, is manufactured from 100% pure oil and built for high-performance CNC grinding, especially in heavy stock removal applications. It handles multiple functions—primarily cooling the workpiece and grinding wheel to prevent burn and metallurgical damage. Simultaneously, it removes wheel swarf and workpiece fines, lubricates machine components, and stabilizes pH levels to extend coolant life. Importantly, Oil Pro products are never diluted with thinners, preserving a safe flash point and avoiding costly evaporation. When you order a 55-gallon drum of Oil Pro, you receive 55 gallons of fully refined, undiluted oil.

Oil Pro Lite is a versatile solution ideal for general-purpose grinding applications. While still based on pure oil, Oil Pro Lite is formulated to serve a broad range of machines and filtration systems. It offers excellent cooling and lubrication performance without the risk of lowered flash points or unnecessary evaporation losses. Like its heavier-duty counterpart, it supports efficient heat removal, particle flushing, and machine component lubrication while maintaining coolant stability over time.

Cut-Cool 217 from the GrindClean line of soluble oils, is optimized for high-speed turning, grinding, and milling. Whether your operation is CNC or manual, Cut-Cool 217 uses advanced polymer additives to ensure maximum productivity and machine uptime. Anti-foam and anti-rust components reduce maintenance tasks and protect parts throughout the machining cycle, allowing operators to focus on output rather than cleanup or corrosion prevention.



PRODUCT LINE UP

Water-Based Synthetic Coolant

GK01S - High-performance water-based synthetic coolant offering superior cooling, lubricity, and rust protection. Enhances finishes, reduces heat and wear, and works effectively on steels, ceramics, and glass.

GK05LF - Advanced water-based synthetic coolant with cobalt leaching additive for all grinding including Carbide. Enables fast, economical grinding without expensive filters or chillers, while being safe, biodegradable, and cost-efficient.

Oil Based Coolant

Oil Pro - Pure oil coolant built for heavier-duty CNC grinding. Delivers strong cooling, lubrication, and swarf removal without dilution—maximizing tool protection, coolant life, and safety.

Oil Pro Lite - Our most popular oil-based coolant designed for general-purpose grinding. Offers broad compatibility, reliable cooling, minimal evaporation, and stable performance across various machines and high level filtration.

Water Soluble Oil Coolant

Cut-Cool 217 - Soluble oil coolant for high-speed machining. Boosts uptime with anti-foam and anti-rust additives, ensuring clean operation and consistent performance in CNC or manual machines.

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Please visit our website for further information such as MSDS Sheets and detailed specification sheets.

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