

VALUE PROPOSITION

- **Enhanced Performance & Safety:** Resolved issues with swarf sticking, fungal growth, and offensive odors, improving workplace conditions and machine function
- **Cost-Effective & Sustainable:** Dye-free formula not only eliminated costly stain issues but also extended cutting tool life, contributing to overall operational efficiency
- **Significant Cost Savings:** Reduced product usage by half, leading to fewer recharges and lower disposal costs, culminating in estimated annual savings of over \$20,000



PRODUCT

Rustlick™ ULTRACUT® Syn22
Premium Synthetic Cutting Fluid

BOTTOM LINE

Cost Savings through Process Improvements
Component Manufacturing: Piezoelectric Ceramic and Dielectric Materials

APPLICATION

- Drilling and Blanchard grinding of ceramic materials with diamond particle tooling

ISSUE

- The cutting fluid in use was experiencing significant rancidity issues, leading to coolant stagnation, fungal growth, and offensive odors. The coolant failed to effectively release swarf, resulting in accumulation within the reservoir and clogging issues in the machinery, contributing to reduction in tool life. The blue dye in competitive product was also causing staining on white ceramic materials used in the production process. It required regular biocide dosing and testing, adding to the maintenance complexity and operational costs.

SOLUTION

- Rustlick™ ULTRACUT® Syn22 Premium Synthetic Cutting Fluid

RESULT

- Rustlick™ ULTRACUT® Syn22 effectively resolved issues with swarf sticking, fungal growth, and offensive odors, while its dye-free formula prevented staining.
- Featuring a superior biocide, Rustlick™ ULTRACUT® Syn22 eliminated the need for costly biocide dosing and testing.
- Product consumption was halved, leading to fewer recharges and significantly lower disposal costs. Additionally, the formula improved cutting tool life, further enhancing efficiency. Overall, these improvements reduced costs by more than 35%, contributing to an estimated annual savings of more than \$20,000.

PACKAGING DETAILS

Part #	Net Contents	Units/Case	Case Weight	Shelf life
85005	5 gal	1	45 lbs	1 Year
85055	55 gal	1	516 lbs	1 Year



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