

THE FUTURE OF PRECISION MACHINING



Metalworking operations are under pressure to deliver more — better working environments, tighter compliance, lower environmental impact, and higher productivity. A simple switch in cutting oil can support these goals at once.

Millicut BioSyn Pro 10 makes it easy to transition from mineral oil to a high performance, renewable synthetic ester with immediate, measurable results.

SUPERIOR WORKING ENVIRONMENT

Cleaner machines. Cleaner air. Clearer visibility.

Millicut BioSyn Pro 10 is derived from 100% renewable natural sources and engineered to transform your workshop:

- **Cleaner Machines** - Minimal residue keeps equipment spotless and reduces maintenance time.
- **Cleaner Air** - Advanced anti mist technology dramatically improves air quality and operator wellbeing.
- **Better Visibility** - Transparent formulation gives a clear view of the cutting zone for higher precision.
- **Reduced Fire Risk** - High flash point and excellent heat exchange properties minimise fire hazards.

The result: a safer, cleaner, more productive machining environment.



Fully Biodegradable
100% renewable
synthetic esters break
down naturally



Non-Hazardous
No hazardous
labelling required,
simplifying
compliance



High Flash Point
Enhanced safety
characteristics
reduce fire risk



REGULATION, SUSTAINABILITY & ENVIRONMENTAL PERFORMANCE

Meet today's standards. Prepare for tomorrow's.

Millicut BioSyn Pro 10 supports your environmental goals without compromising performance:

- **Fully Biodegradable** - 100% renewable synthetic esters break down naturally, reducing environmental impact.
- **Non Hazardous** - No hazardous labelling required, simplifying COSHH compliance and operator safety.
- **Lower Carbon Footprint** - Renewable feedstocks and reduced consumption mean fewer emissions across the product lifecycle.
- **Less Waste, Less Disposal** - Lower evaporation and longer service life reduce waste oil volumes and disposal costs.
- **Supports Sustainable Manufacturing** - Cleaner air, reduced misting and improved operator conditions align with modern ESG expectations.

Conventional Mineral Oil

44%+

Evaporation Loss

Millicut BioSyn Pro 10

8%+

Evaporation Loss

Tooling typically accounts for 7–10% of gross revenue. Millicut BioSyn Pro 10 aims to deliver:

- Up to 30% Reduction in Tooling Costs
- **Superior Boundary Lubrication** - Advanced esters protect tools and maintain sharpness.
- **Reduced Downtime** - Fewer tool changes = more productive machining hours.
- **Consistent Quality** - Exceptional surface finish maintained throughout the cutting cycle.

PERFORMANCE WITHOUT COMPROMISE

Costs down. Productivity up.

Conventional mineral oils lose 44%+ to evaporation. Millicut BioSyn Pro 10 reduces this to just 8% reducing your oil consumption and decreasing waste.

- **Direct Cost Savings** - Buy significantly less oil year after year.
- **Lower Disposal Costs** - Less waste, fewer environmental burdens.
- **Extended Service Life** - Longer intervals between changes save time and money.

READY TO TRANSFORM YOUR MACHINING PERFORMANCE?

Manufacturers across the UK are already benefiting from cleaner workshops, reduced costs and superior machining performance with Millicut BioSyn Pro 10.

Our technical experts are available to discuss your applications, challenges and goals and help you make the switch with confidence.

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