

THE QUICK GUIDE TO GETTING A NATURAL ADVANTAGE IN SAFETY



THE CHALLENGE

Traditional neat cutting oils are leaving manufacturers with little choice but to live with the factory floor implications of such products, or invest in equipment to overcome the problem at a cost. This means many manufacturers see no other option but to tolerate a working environment with air that is polluted with oil mist and smoke. Perhaps even more concerning is the increased risk of fire by using products with a low flash point.

THE ISSUE

A polluted working environment with an atmosphere of smoke and oil mist can have wide implications across the business. By ensuring the right working conditions, manufacturers can create a positive impact on productivity as well as attracting and retaining a skilled workforce. When it comes to output, lubricant choice can make a big difference to quality through improved visibility and tool life. Reducing waste, maintaining plant equipment and enhancing working conditions are all critical compliance issues that can be improved through a re-evaluation of lubrication choices.

“IT IS POSSIBLE TO CREATE A CLEANER, SAFER WORKING ENVIRONMENT THAT DOESN'T COME AT SUCH A SIGNIFICANT COST TO PERFORMANCE.”

THE SOLUTION

Performance Bio NC fluids have been designed to reduce the oxidation stability* weaknesses previously presented by many plant-based oils, as well as offering comparable performance to traditional mineral oil-based products.

Industry standard tests, supported by a customer trial programme, strongly suggest that this has now been achieved and it is possible to create a cleaner, safer working environment that doesn't come at such a significant cost to performance.

Castrol's Performance Bio NC portfolio has products that offer higher flash points than mineral based neat oils, which can help to reduce the risk of fire.

Customers also reported that, compared to traditional mineral oils, the Performance Bio NC fluids reduced their problems of smoke and mist.** For operators this means a cleaner and safer working environment.

Get your natural advantage in safety.

PERFORMANCE BIO GET A NATURAL ADVANTAGE

This quick guide is part of a trilogy. To find out about performance and value, download our other Performance Bio NC quick guides in the series.
www.naturaladvantage.castrol.com

* Performance Bio NC cutting fluids were tested using standard industry methodology to assess the oxidation stability of each grade in the range against existing Castrol and competitive mineral and ester-based products of a similar grade and viscosity.

**Based on feedback received from Castrol customers in the USA using Performance Bio NC fluids.

IT'S MORE THAN JUST OIL. IT'S LIQUID ENGINEERING.


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