

# PROBLEM SOLVER

## A NEW TAKE ON A CLASSIC PRODUCT ...

# Ambersil

**Problem:** Copper Anti-Seize: there are very few engineering stores that do not have at least one tin or pot of this type of product, although normally it is in less than perfect condition with swarf/grease/old paintbrush bristles or other contamination present. Copper Paste in a tin is so widely used and such a traditional 'go-to' product that little consideration is given to potentially better, modern, methods of application.

From a health and safety perspective, copper paste is classified as potentially harmful (even if it does not contain lead these days) as it is a heavy metal. This has implications when engineers use the tried-and-tested method of their finger to smear a precise amount of paste onto a fastener – not so easy with gloves and not a good idea without.

**Solution:** Ambersil has utilised its knowledge of aerosols and development of resources to bring to market an aerosolised version of copper paste. Performance as an anti-seize compound is identical to the product in the tin because it is still the same product.

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General  
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There has been no compromise in creating the aerosol solution – once the solvent carrier evaporates, the copper paste is indistinguishable from the pot variety.

The aerosol dispenser allows a more precise application, a thinner (homogenous) film – just the right amount is applied with significantly less mess. In addition, because the copper paste is 'fresh' on every application – there is no contamination – improving both performance and service life. Now, there is no need to use a finger (gloved or not) to work in the paste; the aerosol ensures a uniform application, even into threads, reducing any health and safety concerns.

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