

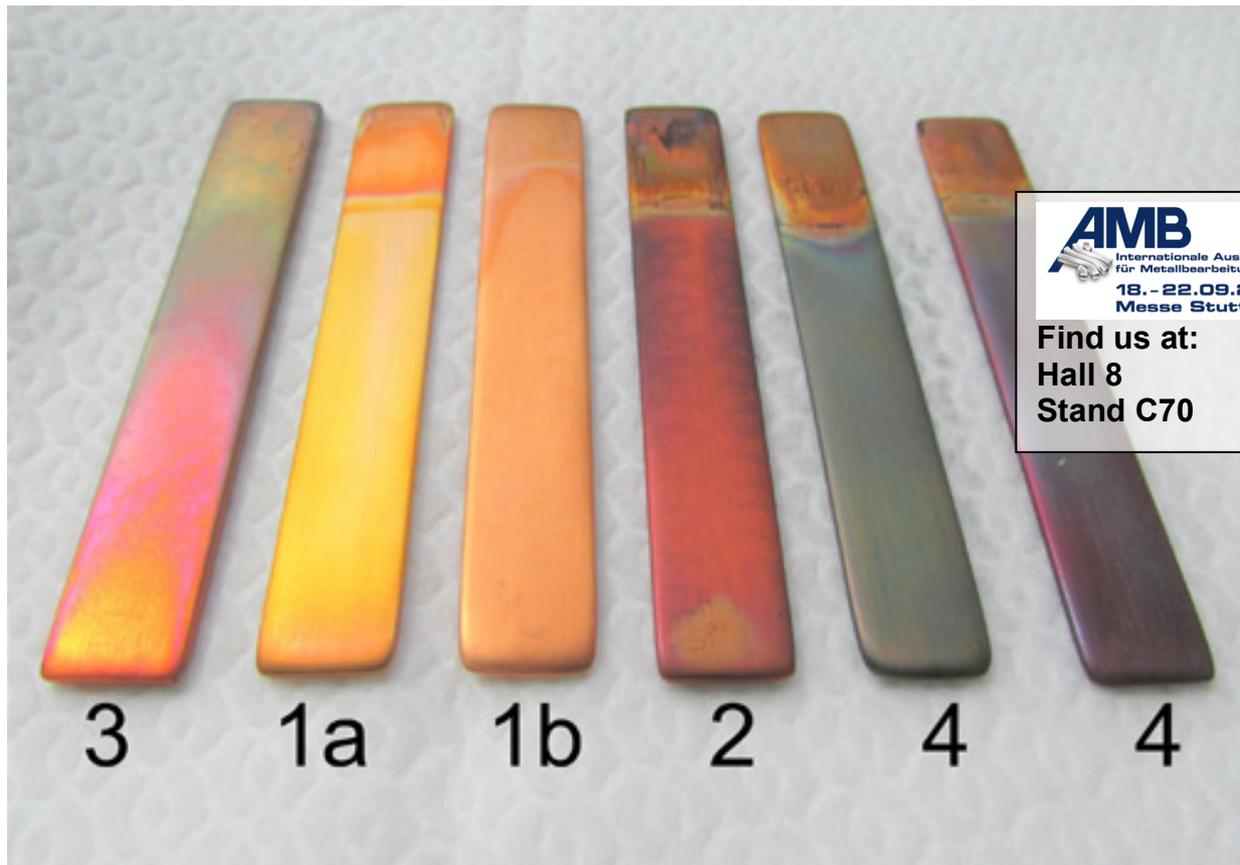
Press release

AMB latest

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Oemeta has developed water-miscible metalworking fluids for special materials



MWF for special materials

(Stuttgart) Oemeta will be presenting modern, water-miscible metalworking fluids at this year's AMB. With special, newly developed products for titanium alloys, carbides and non-ferrous metals, the manufacturing firm will be introducing compatible oils for special materials. Its three new innovations offer high levels of corrosion protection, lubricating performance and swarf removal, respectively. This has been proven in multiple test series.

"In niche areas such as the processing of special materials — just as elsewhere — manufacturing firms expect top-quality, high-performance metalworking fluids," says Malte Krone, Head of Product Management at Oemeta Chemische Werke GmbH. With three new metalworking fluids for carbides, non-

Press contact:

Oemeta
Chemische Werke GmbH
Malte Krone
Ossenpadd 54
25436 Uetersen, Germany
Tel. +49 4122 924-0
krone[at]oemeta.com
www.oemeta.com

ferrous metals and titanium alloys, Oemeta will be presenting material-compatible products with special features. For example, Novamet 1000 S is designed to offer high levels of material compatibility and corrosion protection in the processing of copper and brass. It has proven itself in a copper strip test compliant with ASTM D130. This means that plant engineers, as well as valve and pump manufacturers, now have access to a fluid which fulfils the latest requirements.

Lubricating performance improves service life

For titanium- or nickel-based alloys, such as those used for high-temperature applications or implants, Novamet 760 guarantees high lubricating performance and excellent cooling performance. "The strong lubricating performance in particular improves tool life by 20–25%," says Krone. Machining tests carried out by the titanium working group at the PTW Darmstadt have confirmed this figure. Novamet 760 is designed for use in aviation, in the automotive industry and in medical engineering.

Outstanding swarf removal for carbides is guaranteed by Oemetol 605 HM. This special product was developed on the basis of a GTL oil and offers excellent cleaning performance, preventing grinding burn during tool manufacture, for example when grinding carbide cutters. It also prevents cobalt from being released from the grinding sludge.

Manufacturer with a wealth of experience

Oemeta will also be using the world's largest international exhibition for metalworking as an opportunity to highlight its expertise via customer feedback, empirical values and research findings. Oemeta at the AMB: hall 8, stand C70, and at the stand of PTW Darmstadt, hall 10, stand E51.

352 words, 2,413 characters

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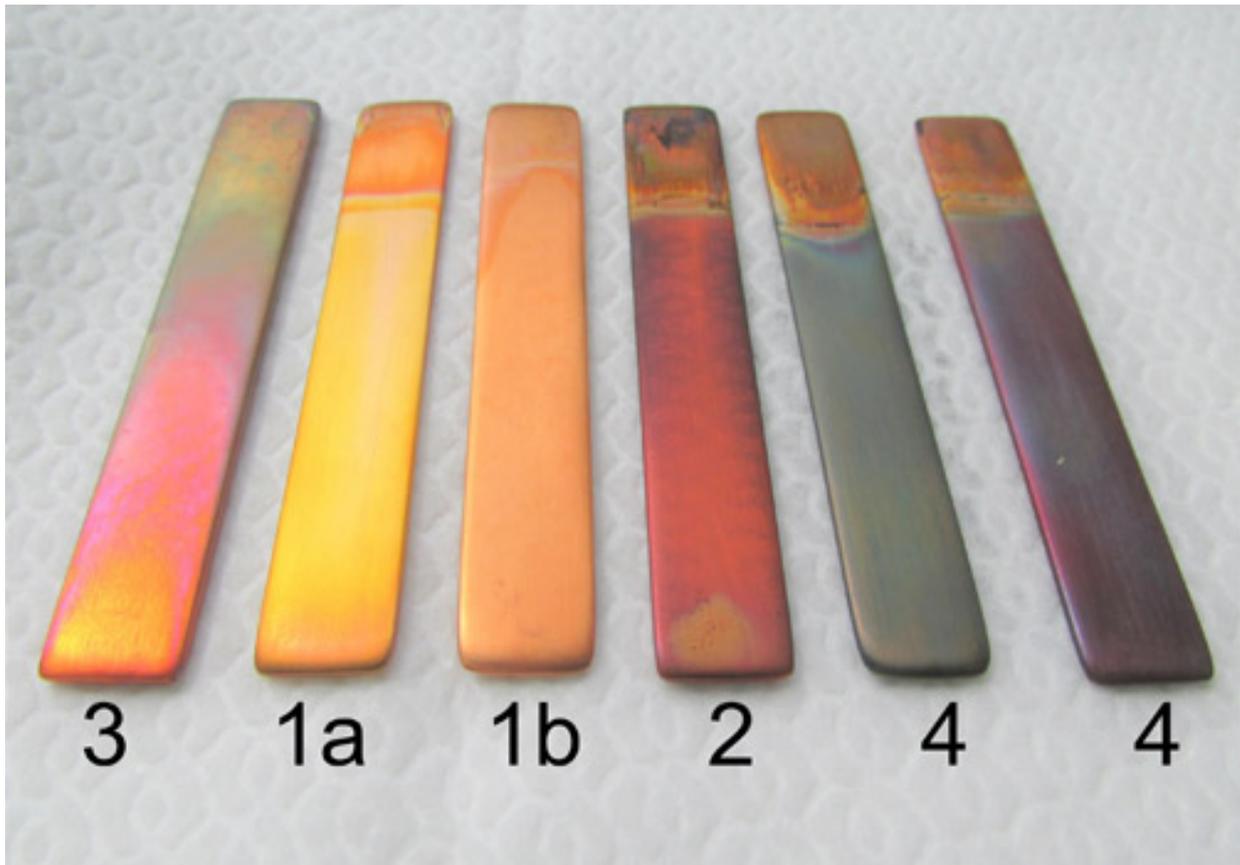


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Different levels of corrosion shown by the copper strip test in accordance with ASTM D130 — Oemeta products labelled 1a (2nd from left).

At AMB in Stuttgart, Oemeta will be presenting metalworking fluids for processing titanium alloys, carbides and non-ferrous metals.

((Company information Oemeta Chemische Werke GmbH))

A history of quality — leading through innovation

Oemeta is a fourth-generation family-owned and -managed company. For more than 100 years, we have developed industrial lubricants for metal, glass and ceramics processing and supplied them to companies around the globe. Our focus on water-based cooling lubricants and broad application expertise has made us a leader in this specialist field. We draw on our sound knowledge of the market and our close relationships with our customers to develop products that are characterised by their high quality and reliability. Oemeta's products are consistently recognised as the industry standard. Inventions such as the two-component metalworking fluid and multifunctional oil have led to lasting process improvements and cost savings for renowned manufacturers in the automotive and metalworking industries. With seven foreign subsidiaries and more than 30 sales partners, Oemeta's product and service philosophy is represented in the most important industrial nations.

Oemeta has been developing, producing and supplying high-quality lubricants for metal, glass and ceramics processing for more than 100 years. "The Coolant Company" specialises in water-miscible cooling lubricants. We meet our clients' very specific requirements by keeping a clear head and drawing on our in-depth knowledge and decades of experience. By working closely with our clients, we develop intelligent, customised and cost-efficient solutions — resulting in cutting-edge, innovative and technologically advanced high-performance products.