



GEROPON® AS 020

Phosphorus and silicone free, staining inhibitor for metalworking fluids

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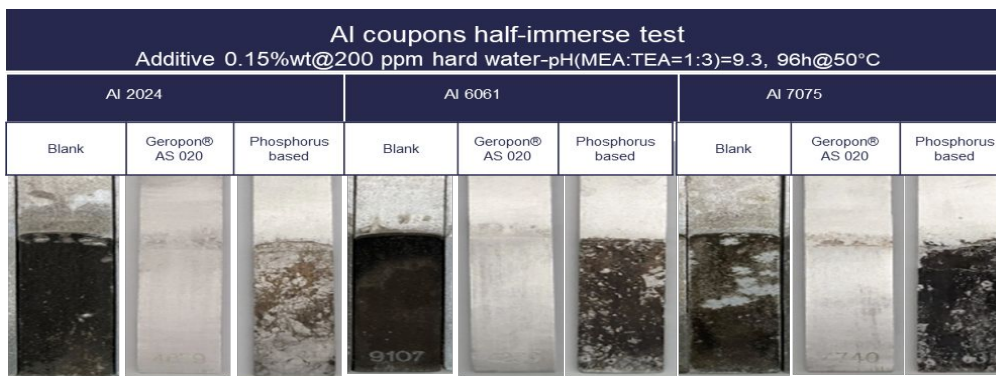
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Non-ferrous metals, including aluminum, magnesium and titanium are increasingly used in various markets due to the rapid growth of communication, construction and transportation industries. The recent trends of automotive electrification and fuel economy improvement accelerate the adoption of lightweight metals such as aluminum alloys.

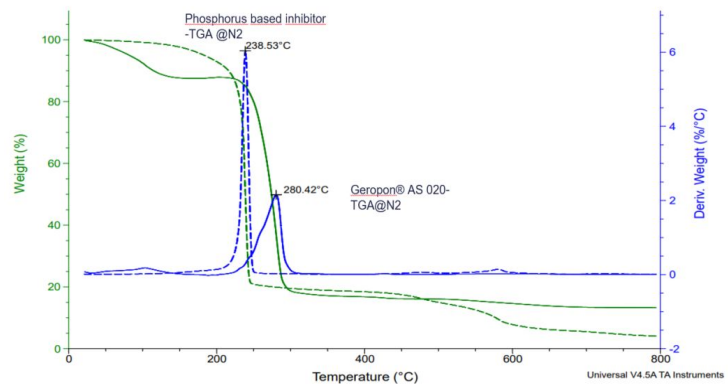
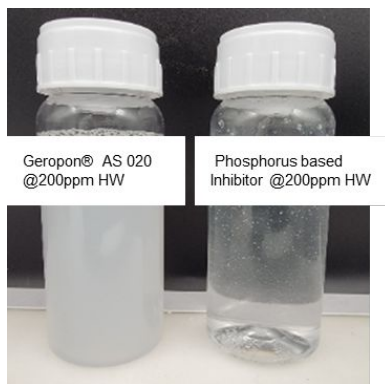
Aluminum alloys are susceptible to staining during fabrication. It brings new challenges to metalworking fluids formulators and end users. At Solvay, we provide the industry with the next generation staining inhibitor to address this issue. Geropon(R) AS 020 brings the following benefits:

- (1) Excellent anti-staining performance at low dosage
- (2) Phosphorus and Silicone free: suitable for a wide range of applications, especially for electronics manufacturing
- (3) Better thermal stability vs. phosphate esters
- (4) Low labeling and low toxicity
- (5) Global registration and regulatory compliance
- (6) Global manufacturing footprint to support regional needs

Excellent anti-staining performance at low dosage



Better dispersibility in hard water and thermal stability



Geropon AS 020 shows much better dispersibility in hard water than Phosphorus based inhibitors.

Geropon AS 020 has almost 40°C higher thermal decomposition temperature than other phosphorus containing inhibitors. Superior solution for modern machining.

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