

Global Automotive Parts Manufacturer Eliminates Corrosion With WEDOLiT™ AN 7210



As a global automotive parts manufacturer, the customer's production line processes metals and alloys – including numerous steel grades – for automakers and their suppliers around the world.

THE CHALLENGE

The customer's products need to be treated with anti-corrosion solutions to prevent degradation during shipping, especially when sent overseas with long transit times. Due to the various metal and alloy types that the customer works with, solutions are limited to those designed to be compatible with a wide array of workpieces. Also, as the customer ships worldwide, products require protection to sustain extreme temperature ranges.

The customer's previous anti-corrosion product frequently failed, resulting in a high damage rate. Corrosion was found to occur during international transport and interim storage at recipients' facilities, especially within unheated hallways.

The customer's previous corrosion preventative also contained a high concentration of Volatile Organic Compounds (VOCs) hindering their sustainability and eco-friendly efforts as a business.

THE SOLUTION

The customer began a trial of WEDOLiT™ AN 7210, a high technology corrosion inhibitor that works well with steel and other metals and alloys. AN 7210 offers long-term protection for indoor storage and the low viscosity makes it suitable for use in sprayers or as an immersion bath (for hollow parts). It's specially formulated to prevent corrosion during overseas transport and is free of VOCs, allowing customers to minimise their environmental footprint.

THE RESULTS

The customer experienced immediate cost savings when switching to WEDOLiT AN 7210. The high-quality product required less solution than the customer's previous anti-corrosion product, translating into a **10 percent** reduction in overall consumption.

Productivity was also increased because the corrosion preventative no longer had to be applied manually. The lower viscosity formulation allowed the product to be sprayed, making for a more efficient application. What's more, the elimination of VOCs allowed the company to better align with its environmental protection commitment.

Finally, customer complaints were noticeably reduced to less than **2 percent** as shipments no longer arrived damaged and the low-odour formula became less of a nuisance.

THE NUMBERS

- **10%** reduction in overall consumption and future order quantities
- Significantly reduced production time through the automation of the application process
- Customer complaint volume was reduced to less than **2%**

