

# COMPARING ASSET PRESERVATION METHODS

## How VCI stacks up against Reactive Copper Technology in real conditions

### CLIENT

A large vendor servicing the mining and construction industries.

### CHALLENGE

The client wanted to determine the best preservation method for its components – to reduce corrosion during storage and transport.

Originally employing Reactive Copper Technology, the company compared this option with Daywalk's Volatile Corrosion Inhibitor (eVCI) solution, to see whether the eVCI technology represented an effective alternative to protect its components.

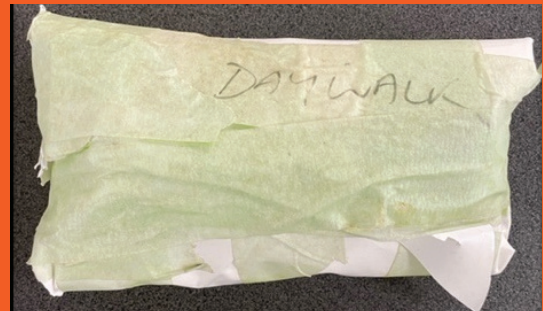


### TEST

The company tested the preservation methods on two C175 engine lifting pins:



One was wrapped in a copper film.



One was wrapped in UV-VCI film.

### PARAMETERS

- > The test was conducted over **six weeks**.
- > Components were exposed to **high humidity and rain** on outdoor pallet racking.
- > An incision was made to both wrappings after four weeks to simulate **real-world damage**.





# RESULTS

*After six weeks, the company unwrapped and compared the components.*

*A sample gear – with no rust protection – experienced severe corrosion over the same period and under the same conditions. The Reactive Copper Technology also didn't fully prevent corrosion, with marked rust on the pin.*

*eVCI technology showed superior performance – with zero rust. The vendor noted that it was a "great result for the Daywalk product".*

## COPPER-BASED SOLUTION



**VISIBLE CORROSION**

## DAYWALK VCI SOLUTION



**NO CORROSION**

### WHY DAYWALK eVCI?



#### ENVIRONMENTALLY FRIENDLY

*Fully recyclable and requires only half the film compared to other anti-corrosion technologies*



#### ECONOMICAL

*Competitively priced and effective with only one layer of film for both UV and rust resistance*



#### EFFECTIVE

*Proven protection in multiple mediums – and in the BHP specification as a suitable preservation method*

- > Safe and compliant logistics engineering
- > Quality storage solutions
- > Effective asset preservation

DESIGN > LOGISTICS

1300 662 987

WWW.DAYWALK.COM