



# CASE STUDY

Setting the Standard in Cleaning & Maintenance



## RAIL IS NO PLACE FOR A DIRTY PAST



**Arrow Solutions, a global leader in the manufacture of specialist cleaning and maintenance products, is celebrating a successful decade working with Arriva Trains Wales to ensure the train operating company constantly maintains clean rolling stock.**

For the past ten years, the company has been providing two key exterior cleaning products in the form of Ecowash Autoshine and Germfree 61.

Ecowash Autoshine is an exterior train wash that specialises in removing oil, greases, dirt and grime, whilst helping to build a water and soil resistant finish to livery and rolling stock.

In addition, it is specially formulated to have a neutral pH – between 8.0 and 10.0. This guarantees that the wash is fully biodegradable and environmentally safe, helping train operating companies meet strict guidelines on achieving neutral waste water. This is surveyed by local water boards every six weeks.

Arriva Trains Wales was originally attracted to Arrow Solutions because of the ease at which large quantities of wash could be delivered. Scientifics approved, Ecowash Autoshine comes in three sizes; 20 litre, 210 litres or 1000 litres, which makes it ideal for different sized rail fleets.



*we need a quality exterior wash that's gentle enough to use daily, but rugged enough to get our rolling stock clean.*

*We continue to use Arrow Solutions because of its excellent service.*

Arriva Trains, Wales





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Uniquely, Arriva Trains Wales uses Germfree 61 – a cleaner and sanitiser – to disinfect the underside of its trains and carriages. More commonly used within interior train cleaning applications, it is employed by Arriva as a preventative measure against bacteria. The sanitiser ensures that anyone working underneath rolling stock is unlikely to be exposed to bacteria found on this part of the train.

“We currently operate 314 trains and carriages covering over 13 million miles each year,” explained Phil Morgan, Arriva Trains Wales depot infrastructure manager. “As you may expect, we need a quality exterior wash that’s gentle enough to use daily, but rugged enough to get our rolling stock clean.

“The added bonus of using Ecowash Autoshine is that we have no worries when discharge rate surveys are performed.

With thanks to Arrow Solutions, we’ve been able to facilitate a harmonious relationship with Welsh Water, the local water authority.

“We continue to use Arrow Solutions because of its excellent service. Our Canton depot covers 120,000 square metres and the wash facility is at the far end from the site entrance. We’ve previously had problems getting cleaning products delivered to our wash plant; for years, we had to move thousands of litres of product ourselves by forklift. After explaining the problem to Arrow Solutions, the company went out of their way to help us by drawing up an alternative route that has proven very successful.”



## GERMFREE 61 C998



*Hard surface cleaner and sanitiser*

- Non caustic formula, ideal for use on soft metals and galvanised surfaces
- Highly economical in use
- Light to medium duty cleaner

## ECOWASH AUTOSHINE C568



*Frequent use train exterior wash*

- Effortlessly cleans away oil, grease, dirt and grime from train exteriors
- Mild pH will not dull paintwork or vinyl graphics
- Ideal for use with interceptor systems

