



Application Report Customer Profile



BAE Systems

Customer: BAE Systems
Product: SmartWasher™
Sector: Aerospace
Contact: Kevin Williamson
Replaced: Kerosene Solvent Sink

A free on-site trial was arranged for BAE systems so that their team could make a direct comparison between their existing solvent cleaning sink and the SmartWasher™. It was viewed that a bioremediation solution may not be as effective as a solvent solution – the application was required for the removal of grease and oil from gearbox components and other parts that were used during refurbishment.

The comparison between Safety Kleen and SmartWasher™ illustrated the unique benefits brought by bioremediation. The aqueous solution proved in trials that its performance was equal to that of the solvent solution they already used. The environmental benefits were a positive selling point for BAE. In addition there were significant cost savings to be made with its bacteria impregnated filter mats, which digest oil and grease, eliminating the need for regular effluent disposal.

The on-site trial clearly illustrated the benefits of an environmental solution. To date, three SmartWasher's™ have been in continuous use for over two years at the Samlesbury site and have never been emptied, with fluid only added to replenish natural losses.

BAE Systems is an international company engaged in the development, delivery and support of advanced defence and aerospace systems in the air, on land, at sea and in space. The company designs, manufactures and supports military aircraft, surface ships, submarines, radar, avionics, communications, electronics and guided weapon systems. It is a pioneer in technology with a heritage stretching back hundreds of years. It is at the forefront of innovation, working to develop the next generation of intelligent defence systems.

Bioremediation Overview

Bioremediation is the earth's natural 'recycling' technology – the processes have evolved over millions of years, and involve the steady breakdown of organic waste matter and its conversion into simple essential substances. The process is the work of many billions of naturally occurring Micro-organisms that use organic waste as their food and energy source.

Rozone's range of 'Bioremediating' technologies take these naturally occurring processes, and simply speed them up so that they are commercially useful. Our patented 'SmartWasher' system applies these principles to parts cleaning and allows users to clean 'naturally' and safely, rather than using the man-made alternative of petrochemical based solvents. Many of our other biological products work on a similar basis, allowing our range of 'Sustainable Solutions' to provide health, safety and environmental benefits to customers and users across the world.

For more information or to arrange a demonstration contact

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