

PROVEN PERFORMANCE

*Buxton lime technical support
Toyota, Burnaston, Derbyshire*



Product Kalic liquid lime
Client Toyota Manufacturing UK
Location Burnaston, Derbyshire

Toyota's UK vehicle manufacturing plant has been operating for over 20 years at Burnaston Derbyshire, currently producing the Auris Hybrid & Avensis models. The various metal treatment, finishing and painting processes involved in automotive production result in a variety of effluent streams which are treated to ensure they cannot harm the environment prior to release from site at the plant's central effluent treatment facility.

THE CHALLENGE

The central effluent treatment, although effective, required updating. The original system for dosing treatment chemicals was manpower intensive, requiring frequent maintenance and operator attention. A cleaner, simpler and more reliable alternative was a priority. Ideally the updated system would incorporate a liquid chemical rather than the powder which was in use.

OUR SOLUTION

Buxton Lime & Powders Technical Sales were asked to advise. Site visits and a technical review of the process resulted in the recommendation to adopt "Kalic" liquid lime. A full scale trial was carried out using one of the trial storage and dosing systems operated by Buxton Lime & Powders, monitored by the Technical Sales team, and the 2 month trial was a complete success. This led to the installation of modified storage facilities and new dosing system which has proved to be an ideal solution, providing reliable low maintenance operation.

RESULTS AND BENEFITS

"Kalic" has enabled Toyota to maintain the high standard of effluent management and reduce the use of more expensive and hazardous treatment chemicals.

Buxton Lime & Powders have now developed "Kalic HS", a more concentrated grade of liquid lime, which has been adopted at the Burnaston plant, leading to lower costs and a reduction in the volumes of delivered chemicals.

For more details contact your enquires@tarmac.com or call **0800 1 218 218**

TARMAC.COM

©2015 Tarmac Trading Limited.

3916/0715