

CASE STUDY: ULTRACUT® EVO 255 - A&M EDM

Performance you can trust

LOCATION

A&M EDM Birmingham

COMPANY DETAILS

A&M offer pure precision engineering backed by know-how. They manufacture high value components and tooling from metals to composites for bespoke designs, prototypes or production runs.

CHALLENGE

A&M EDM machine a varied range of materials, from mild steel to titanium often in small batches. The usage of current coolant appeared high to the customer with approximately 10 IBC per year in use. The customer was also looking for a manufacturer who could support with regular servicing and offer advice on the range of materials being machined.

THE Rocol SOLUTION

ROCOL® ULTRACUT® EVO 255 cutting fluid was proposed as a quality, operator friendly and longer life alternative. Dilution ratio improved from 19:1 to 40:1 offering a large saving based on both cutting fluid and in waste management. At the same time throughout the trial process the product performed consistently across the range of materials used by A&M EDM.

ROCOL also proposed to A&M EDM the Rocol Ultracare® 30-day fluid management service package. This will help A&M EDM further ensure the product is performing to its optimum level no matter what materials are being machined.

SUCCESS

The ULTRACUT product and Ultracare service allowed A&M EDM to move to Rocol and make a saving of £16,900 per year reducing the number of IBCs from 10 to 5 per year whilst maintaining high quality machining and reduced tool life.