

CASE STUDY: ULTRACUT® EVO 280 - Aluminum Special Products

Performance you can trust

LOCATION

Aluminum Special Products - Dudley

CURRENT PRODUCT

Castrol Alusol RALBF – 20L

COMPANY DETAILS

ASP is an independent expert in aluminum alloys. The essence of this expertise is to assist customers in utilising the benefits of light metals by developing exact specifications, without compromise.

CHALLENGE

ASP machined 100% aluminum often in small batches based on customer requirements. Castrol removed the technical support from the UK and made changes to the make-up of the product, this resulted in staining on the workpiece, increased usage and the sumps not in constant use starting to smell. ASP were looking to resolve these problems and have a manufacturer who could support technically when required as work batches changed, or should any amendments be made to the coolant in the future.

THE ROCOL SOLUTION

ROCOL® ULTRACUT® EVO 280 cutting fluid was proposed after samples were analysed in the ROCOL laboratories. One improvement that was identified was that by moving from 20L containers to 200L barrels and setting up a mixer station, ASP could achieve a significant usage reduction. ROCOL ULTRACUT EVO 280 was trialled for a month on two machines and proved to operate with a higher dilution ratio of 35:1 compared to 20:1 using the Castrol product. This resulted in an extra 3,000L of cutting fluid per barrel. Also, the smells were removed from the machines allowing the customer to fully move to all machines after the trial.

SUCCESS

ASP fully switched and are benefiting from a product that makes ASP a commercial saving and provides consistent high-quality performance along with a service program to offer product support.