

TRI-LOGIC[®] ALX

Performance you can trust



CUSTOMER

Presbar Diecasting

COMPANY DETAILS

Presbar Diecasting is a major player in the aluminium pressure diecasting industry. With experience spanning automotive, engineering, communications, lighting and white goods sectors, they are a true ambassador for customer lead, best in practice manufacture.

ROCOL PRODUCT

Tri-Logic ALX

KEY STATISTICS/HIGHLIGHTS

KPI	Competition/before	ROCOL/after
Dilution ratio	10:1	30:1
Usage	36bpa	12bpa
Sump life	3 months	12 months

BACKGROUND TO ISSUE/CHALLENGE

Poor quality of the product lead to the following;

- ▶ Bacterial infections – bad odours & skin irritation for operators.
- ▶ Poor sump life – 3 months = Increased coolant usage.
- ▶ Poor cutting performance – breaking taps on roll tap operation for aluminium manifold.

ROCOL SOLUTION

ROCOL proposed the use of Tri-Logic ALX as they machine aluminium castings and they needed a product to provide excellent surface finish and provide outstanding performance when threading and tapping. A regular service visit was set up and training carried out little by little during these visits to help the operators become more accustomed to the needs of a cutting fluid; regular topping up at correct dilution, dilution monitoring, dos and don'ts when it comes to topping up, tramp oil skimming, etc.

SUCCESS

It has been 7 months since Presbar Diecasting and ROCOL starting working together and the results are apparent. No more bacterial infections and bad odours, sump life of 7 months and counting, massive improvements in surface finish and initial indications are that tool life is improving as well. The operators are much more comfortable and knowledgeable on how to help maintain the cutting fluids in their best condition. Presbar can rest assured that they will receive a regular and consistent service call from ROCOL and the problems of the past have been cleared up, all thanks to using the right product and a little education and support.

