

Topic: Die Lubricant for Aluminum Die Casting Process

980ils Products	RANDOCAST A603S1
Applications	Aluminium Die Casting
Customer /Location	AD Die Casting/ Chonburi, Thailand
Previous Lube/Fluids	GL-431S
Materials	Aluminium, ADC12, ADC3, A380, DA401
Process/Machines	Aluminium Die Casting
Customer Requirements	Surface Improvement and Save Cost

Issue/Problems:

Surface Improvement and Cost Saving.

Solutions:

Machine: Toshiba 250 - 800 Tons by manual spray and 1,600 Tons by Casset spray.

Dilution Ratio: 1:100 in central tank with RO Water



Summary:

1. The client decided to use Randocast A603S1 because of the bright and clear surface.
2. Dilution ratio can be saves cost almost 10%.