



Highly effective filter equipment

– with economics and working environment in focus

To meet future demands on working environment, flexibility and productivity in the engineering industry, Absolent AB has developed effective filter equipment that is now sold all over the world.

Absolent filters offer a high degree of separation, long service intervals of up to several years, and can run continuously 24 hours a day, seven days a week with a minimum of maintenance. The long life span of the filter enables customers to minimize production down time and other costs, such as filter replacement.

Personnel, machines and premises are purified of problematic oil smoke and oil mist. This is good both for the working environment and from a financial point of view.

ÅGES Metallgjuteri AB

ÅGES Metallgjuteri AB in Unnaryd, Sweden, has long been active in the press casting of aluminium. For 10 years, the company has tried out different solutions for trapping and filtering the build-up of smoke caused in piston lubrication with graphite oil, and the wax smoke formed when applying release agent. The problem has been finding a solution that demands a minimum of maintenance, while still ensuring a high degree of separation, and effective smoke collection. Conventional techniques such as electrostatic filters, bag-type filters and horizontal filters were unable to satisfy the company's requirements, which led to high maintenance costs, unsatisfactory filter function and a poor working environment.

Absolent has solved the problem with its type ODR 3000 oil-smoke filter, which guarantees a high degree of separation and long service intervals. In order to collect the smoke effectively, Absolent has developed specially designed extractor covers, which have also reduced the amount of air required by around 40%. "We are very pleased with the Absolent filter, which has now been running for a year without service, which is excellent considering the type of smoke we're dealing with," says Pher Larsson, maintenance manager at ÅGES Metallgjuteri AB.

Facts	
Filter type:	ODR 3000
Installed:	August 1999
Machine type:	Press casting machine for aluminium
Piston lubrication:	Graphite oil
Release agent:	Wax emulsion
Service interval Filter 1:	approx. 1 year, replaceable
Service interval Filter 2:	approx. 2 years, replaceable
Hepa / absolute filter 3:	approx. 2 years, replaceable
Load:	10-40 mg/m ³
Separation efficiency:	99,97%

