

Press release

October 2004, page 1/2

Filter system of FAUDI with RMF-technology for the recovery of coolants for the automotive supporting industry

Ecological and economical up to date

Stadtallendorf (Germany), October 2004 – In the automotive and its supporting industry the quality in the manufacturing process is very important. FAUDI also supports this with high-quality filter solutions for the recovery of coolants. Recently, a worldwide leading partner for transmission technology of the international automotive industry was equipped with a central filter system with modern RMF-technology (regenerable micro filter).

Cooperation between technical progress and environmental protection

FAUDI always designs the filter plants according to the requirements of the customer. In the above mentioned application a magnetic separator, a pressure belt filter and two regenerable micro filters, type RMF are the components of the filter plant. The central system supplies numerous machines in a production process with recovered coolant. The RMF plants are especially suitable for production processes with special filter finenesses (3-5 microns) at high flow rates. The non-polluting micro filter works without any filter aids, which reduces additionally the operating costs for the purchase and the disposal. In the past years, the field-suitability of the patented technology was shown impressively at many FAUDI customers.

Range of applications of the RMF-technology (regenerable micro filter):

- grinding of steel (crankshafts, camshafts, etc.)
- grinding of hard metal (tool industry)
- side stream filtration for different processes

Advantages of the RMF-technology for the user:

- specially suitable for production processes with very high requirements to the filter fineness (3-5 microns)
- the filter plant works fully automatic
- the filter plant works without any use of filter aids:
 - economy in operating costs
 - ecologically friendly functioning
 - production waste without filter aids are very well suitable for further processing with the briquetting press

Press release

October 2004, page 2/2

Reclaim valuable raw materials from your production waste

Thanks to the use of the FAUDI briquetting press, the central plant can now offer much more with regard to the economy and the careful treatment of raw materials.

Until now, the grinding sludge had to be disposed costly as production waste. As of now, after the filtration they are revalued by the briquetting press. During this process, the grinding sludge, which is free of value-reducing filter aids thanks to the filtration with the RMF-technology, is formed into handy pellets by the briquetting press. Due to enormous pressures arising by the press, the grinding sludge is compressed and freed mostly from the coolants. The advantages: the briquetts are very clean and more valuable for the user, i.e. they must not longer be disposed costly but they could be sold free or even profitable. Furthermore, the recovered oil is redirected back into the cooling circle and by that, enormous quantities of fresh oil can be saved. The economic and environment-relevant benefits are clear.

Greek Agent :

**Viofilters ltd**

24 MIKALIS str – 185.40 PIRAEUS-GREECE
TEL:+(210)4111331-4111332-4134689
FAX:+(210) 4111336-URL:www.viofilters.gr
e.mail:info@viofilters.gr - sales@viofilters.gr

Press release

October 2004, page 3/2

RFM Filter Plant



Hausanschrift / Address:
FAUDI Filter Systems GmbH
Coolant Division
Scharnhorststraße 7
D-35260 Stadtallendorf, Germany

Phone: +49 6428 702-0
Fax: +49 6428 702-260
www.faudi.de

Press contact:
Silke Pinschmidt
Phone: +49 6428 702-258
Fax: +49 6428 702-260
E-mail: s.pinschmidt@faudi.de

Press release
October 2004, page 4/2

Briquetting Machine



Hausanschrift / Address:
FAUDI Filter Systems GmbH
Coolant Division
Scharnhorststraße 7
D-35260 Stadtallendorf, Germany

Phone: +49 6428 702-0
Fax: +49 6428 702-260
www.faudi.de

Press contact:
Silke Pinschmidt
Phone: +49 6428 702-258
Fax: +49 6428 702-260
E-mail: s.pinschmidt@faudi.de