

APPLICATION REPORT

Application Reports are an excellent way to share knowledge throughout the Blagdon sales network. Reports will be available to all unless stated. If any part of this report should remain confidential and not published, please highlight or inform Joanne Shutt



PUMP MODEL

B50 High Pressure Full Flow

.....

INDUSTRY

Automotive

.....

DESCRIPTION OF PROCESS/APPLICATION

The application is for pumping rubberised solution which is used on the wheel arches in the automotive industry. Previously the automotive industry have been using progressive cavity pumps with dry running switches.

PUMP STATISTICS

DUTY Transfer	FLOWRATE	110 l/m
HEAD 95m	AIR PRESSURE	4.5 bar

ANY OTHER INFORMATION

The product is from HENKEL and is called Terotexpt, which is an acrylic base material. Before HENKEL started manufacturing this product it was imported from Japan. It has a viscosity of **80000 cps**.

The application is at a car manufacturing plant and is transferring from a flow bin into a holding vessel. I was hoping that we could use the 1" Blagdon pumps to draw product from the holding vessel to the spray nozzles but the friction loss in the pipe line is too great for the 2:1 pump to overcome, not so for the 2:1 High Pressure Full Flow Pump. They are currently using a competitor's 65:1 ratio piston pump for this operation. HENKEL are supplying the same product to BMW, Ford Motor Company and Nissan.

BLAGDON PUMP HOLDINGS LIMITED

Lambert Road, Armstrong, Washington, Tyne & Wear, NE37 1QP. U.K.
 Tel: +44 (0) 191 417 7475 Fax: +44 (0) 191 417 5435
 Email: sales@blagdonpump.com Website: www.blagdonpump.com