

10
factfile

TM
TRI-FLOW

www.triflow.co.uk

An uplifting experience with



TRI-FLOW™

helping to control heavy duty cranes

Eaton's Industrial Control Division, under its brand name Cutler-Hammer manufacture electrical control equipment for an extensive variety of industrial equipment. Control systems for a.c. and d.c. cranes are an important part of the company's range where the risk of mechanical breakdown has to be kept to an absolute minimum. That's why Eaton specifies Tri-Flow as the recommended lubricant.

Cranes such as the overhead gantry type operate in industries such as steel rolling mills, ship yard, scrap yard and incinerators. They operate high in the air where the environment can be harsh. Most are remotely controlled and therefore accurate programming of both crane carriage and the vertical position of the hook is vital.

Essential to this function is the Cutler-Hammer "Hunting tooth limit switch" which is an extremely robust unit which must operate reliably with little need for maintenance. This piece of equipment ensures that the heavy load is delivered to the correct location at the correct height down the floor.

Eaton undertook trials of Tri-Flow. Eaton's Sales Support Manager describes what they found:

In 1980 Eaton undertook field trials of Tri-Flow in a switch contact mechanism located at a steel plant.

"The performance of Tri-Flow was carefully monitored over a two year period and we were extremely impressed. Tri-Flow does much more than provide excellent lubrication; it penetrates extremely well and keeps surfaces clean. Not only does it displace dirt and moisture, it also removes traces of other lubricants.

"As well as using Tri-Flow to keep the pin in the contact mechanism free to rotate as it should, it has no detrimental effect on the electrical contacts within the switch.

"And Tri-Flow is not only effective, it's cost-effective too. We find that we can safely extend lubrication intervals to 6 months which represents a significant cost benefit. That's another good reason for recommending it in all maintenance and installation procedures."

for further
information contact:



*Contains P.T.F.E. for enhanced lubrication

Ronseal and Tri-flow are registered trademarks of the Sherwin-Williams Company. Ronseal, the manufacturer of Tri-Flow, have been assessed to ISO 9001/2000.