

Magnets only attract 1" from the outside diameter, of a regular ceramic variety. Unpocketed magnets can only collect so much before they become loaded. Effluent flow can actually shear the metal off the magnet, when used in high flow applications.

The bags are most effective in the Body Wash area and the Phosphate System for the removal of weld balls and ferrous fines. The metal removed from these areas will save the systems from contamination downstream. By not using the bags in the Elpo System the magnets are much more user friendly. By grasping the outside of the bag, around the pocket, inserting your left index finger in the lifting loop, pull the magnet out and the majority of the metal fines will remain on the pocket. The magnets will then be clean enough to put in another MAG BAG, and then place the bag back in the restrainer basket.

Although ABSOLUTE FILTERS. has strong plastic collars for the regular filter bags, for the MAG BAG, a metal ring was chosen for the extra

strength,, to assure the bag stayed in place and that the handles on the plastic collar didn't scrape the arms of the persons changing the bag. The weight of the magnets also helps to seat the bag in the restrainer basket.

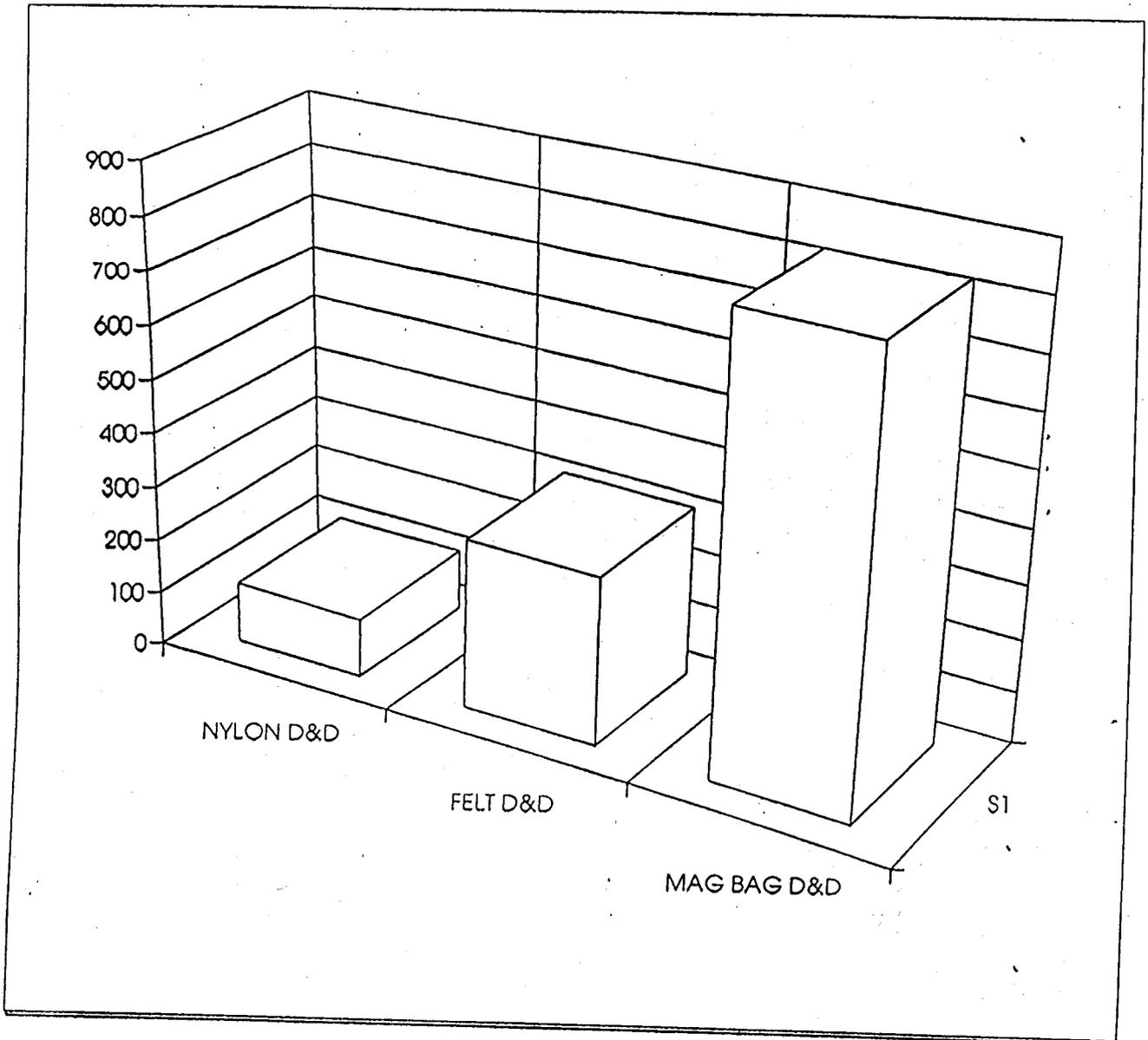
For metal working fluids the MAG BAG can help extend the life of the cutting tools by capturing the abrasive metal fines. The fluid life can be extended when the metal is captured and the anaerobic bacteria are not growing in the tramp metal at the bottom of the tank.

Documentation is available to confirm that MAG BAGS have increased the dirt and metal holding capacity, from 198% to 741% in a variety of field tests. ABSOLUTE FILTERS. will be proud to furnish copies of test data on request.

AUTOMOTIVE
ASSEMBLY PLANT

NYLON - FELT- MAG BAG COMPARISON

6-17-93
D+ D = DIRTY + DRY



PHOSPHATE SYSTEM

200 MICRON BAGS

STAGE 1 HOUSING # 1