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NEWS LETTER 08042005 XYLENE APPLICATIONS

Sidewinder Pumps has received several inquiries on applications with high concentrations of XYLENE in their compounds.

Sidewinder Pumps recommendations:

Plunger: Ceramic - part number 16-xx-4
Plunger: 440C-SS w/ Chrome Plating - part number 16-xx-7
Seal: Techno Uniseal (Polyimide) – part number 18-xx-1

Field experience has shown that the XYLENE compounds seem to have some abrasive characteristics and the 17-4SS and 316 SS plungers do not hold up well. They display excessive scoring.

The Ceramic plunger (16-xx-4) offers excellent wear for abrasive and corrosive applications. Sidewinder has a lifetime warranty for ceramic plungers on breakage and wear. In order for end user to receive a replacement plunger, the damaged plunger must be returned to Sidewinder.

The 440C-S w/ Chrome Plating plunger (16-xx-7) offers a hard finish plunger as a lower cost alternative to the ceramic. Sidewinder has had good success with this plunger in this application. NOTE: if the XYLENE is in combination with aggressive/corrosive acids (i.e. Hydrochloric, Hydrofluoric) the recommendation is to go with a ceramic plunger.

The Techno Uniseal (Polyimide, part number 18-xx-1) has had good results in XYLENE applications in the field. Sidewinder Pumps request that if you place a Techno Uniseal in XYLENE service that the distributor monitor and give feed back so Sidewinder can build a case history.

Guy M. Chachere
Marketing Director

A handwritten signature in black ink that reads "Guy M. Chachere".

- THERE AIN'T NO BETTER PUMP -