Thank you Gentlemen for your contributions you have made to the debate.

Roller Stripping — Mechanical/Chemical is the answer

There are two main reasons for "Roller Stripping" # 1 a film of dried Ink on the Rubber Rollers due to poor wash-ups, which becomes a hard glazed surface, so losing its affinity for Ink.

The Copper Rollers

2 under certain conditions it is possible for the Fountain Solution Desensitizers to penetrate the Ink Film and become **"Adsorbed"** on to the Copper which makes them —"Water-receptive"

Causes # 1 running too much F/Sol. #2 too much Gum in F/Sol. # 3 a very Acidic F/Sol. — low Ph, running acidic F/Sol.

Extra Acid improves the Fountain Solution Desensitizers power and makes it easier for it to *adsorb* to the surface of the copper rollers.

Mechanical Emulsion Stability

High energy input occurs in the press roller nips and the ink/water emulsion is subjected to a partial vacuum when passing through these nips, thus creating the possibility of coagulation of the internal phase at each nip on the press where the emulsion exists.

Emulsions may, therefore, be created or destroyed under these severe conditions of agitation and unstable emulsions *can break out large quantities of Fountain Solution* on the rollers which may lead to Roller Stripping, particularly if the rollers have any residual Hydrophilic glazing deposits.

Regards, Alois