

PROBLEM	PROBABLE CAUSE	SOLUTION
<p>Bleeding Pigment dissolves or breaks down in the fountain solution, causing a light discoloration of the non-printing areas.</p>	<ol style="list-style-type: none"> 1. Ink is too low in viscosity to carry the pigment. 2. Varnish is not water-resistant. 3. Pigment is hydrophilic and bleeds in water. 4. Pigment bleeds in alcohol (Dahlgren). 5. Too much acid in fountain solution. 6. Fountain solution is extracting an emulsifier or sensitizing agent from the paper coating. Proof - substitution of another paper stops the tinting. 	<ol style="list-style-type: none"> 1. Add a high viscosity water-resistant varnish to the ink. 2. Add a high viscosity water-resistant varnish to the ink. 3. Reformulate ink with proper pigments. 4. Reformulate ink with alcohol-resistant pigments. 5. Check pH of fountain solution and reduce acidity if necessary. Reduce amount of solution, if possible. 6. Change paper.