

PROBLEM	PROBABLE CAUSE	SOLUTION
<p>Tinting</p> <p>Fine particles of ink transmitted by press water dampeners to the non-image areas of plate.</p>	<ol style="list-style-type: none"> 1. Ink bleeding into fountain solution. 2. Improper fountain solution concentration. 3. Improper ink and water balance. 4. Too much pressure between plate and blanket. 5. Improper setting or durometer of dampener or ink rollers. 6. Ink not sufficiently water-resistant. 7. Plate improperly exposed, or developed. 8. Prolonged use of a detergent, wash-up solution. 9. Paper coating contaminating the ink train. 	<ol style="list-style-type: none"> 1. Check concentration of alcohol or alcohol-substitute in fountain solution. Consult ink manufacturer to reformulate, using non-bleeding pigment, if possible. 2. Check pH/conductivity and adjust to 4.0-to-4.5 pH. 3. Adjust to proper ink and water balance. 4. Check and re-set to manufacturer's specifications. 5. Check and re-set roller to manufacturer's specifications. If rollers are old, check durometer. 6. Consult ink manufacturer to be sure ink is on-standard. Reformulate, if necessary. 7. Check platemaking procedures; correct, if necessary. 8. Wash up, remove detergent with water or petroleum solvent and change solution. 9. Use low tack ink, low water setting, and low pressure setting.