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Water break test:

Use distilled water (deionized is acceptable)

Set up two (small) demo surfaces (each with surface characteristics of that to be tested, as HRAP with oxide, etc.):

- Clean one sample thoroughly, with Mirachem, acetone, and alcohol, in that order.
- Smear oil on second sample and wipe clean.

Use an eyedropper to drop beads of water on each surface. Inspect each droplet, noting the angle droplet surface makes with the demo surface. If included angle is acute, surface is clean; if obtuse, surface is ^{DIRTY} clean. Note: beads with obtuse angles should be prodded to overcome any possible water film contamination for confirmation; if ^{ON} in a clean surface, this will cause them to "flip" to an acute angle.

Once the examiner feels comfortable with the techniques, test the surfaces in question.