

Bakelite's Resistance to Oil Time + 3 years

Background: Over three years ago a damaged Spreewerk Bakelite grip was cut into pieces to test its resistance to various common lubricants (see the original experiment and the results at time +1 year). Over three years have now elapsed, and the following photos will show that Bakelite seems to be impervious to the various lubricants it was exposed to.

Below is the test piece that was submerged in CLP for the entire duration of the test. The CLP does NOT seem to have any effect on the Bakelite whatsoever.

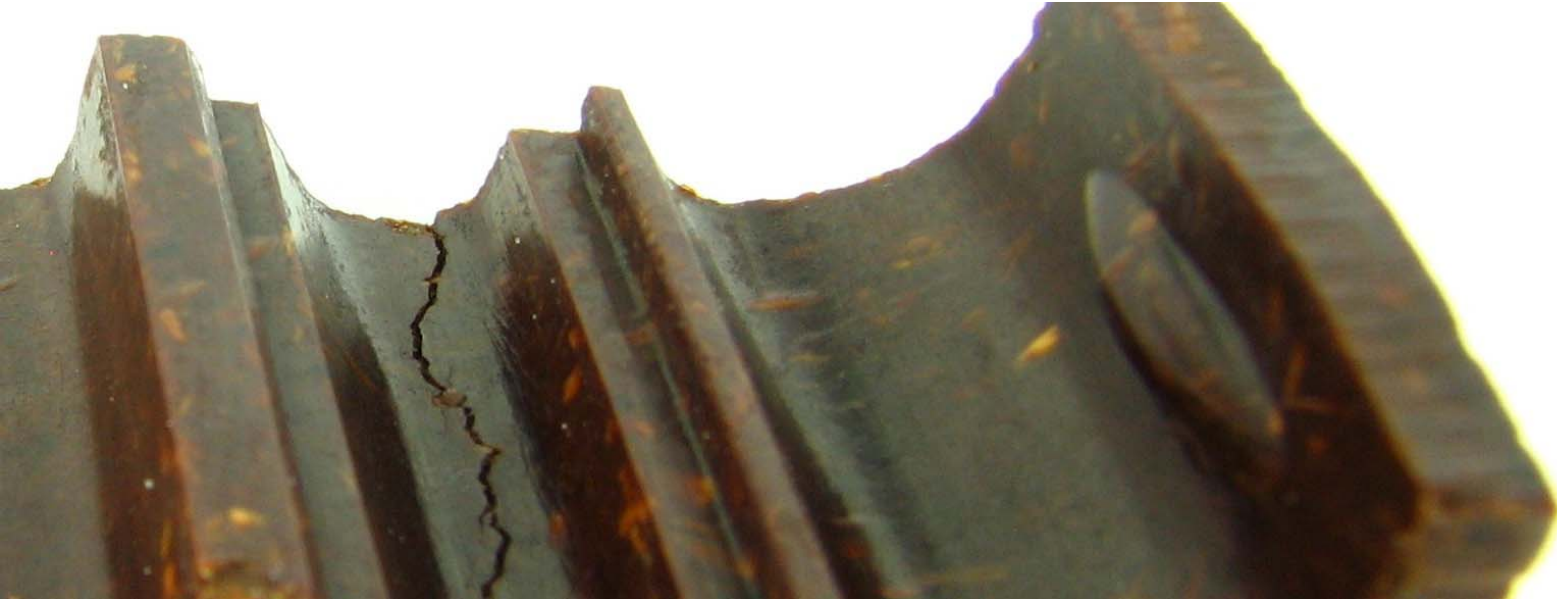


All other pieces also exhibited no discernable change from when the experiment began:

Below: CLP – sprayed and allowed to drain.



Next, WD-40 sprayed and allowed to drain:



Finally, Rem-Oil sprayed and allowed to drain:



Conclusion: It seems that Bakelite is indeed highly resistant to various oils. As was observed after one year, after three plus years there still does not seem to be any breakdown of the Bakelite. Color and texture were indistinguishable from the control piece. Also as noted in year one, the Bakelite is no softer (as tested with a scribe) than the control piece.

One can reasonably assume that Bakelite is extremely resistant to the oils used in this experiment.