Copper Strip Corrosion ASTM D130

Objective

To evaluate the degree to which a lubricant will corrode copper-containing materials (i.e., bronze, brass).

Significance

The test helps to determine the suitability of a lubricant for use in equipment containing copper-based components. It may also be used with silver bearing metals. Cutting fluid used in the machining of non-ferrous materials should be non-corrosive.

Reported results:

Results may be reported as the comparison to standard chart (i.e., 1a, 2b).