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The invention refers to lubricants and may be used for lubricating the friction superloaded units, as well as an additive in compositions of solid or technologic lubricant materials for mechanical processing of different metals or alloys.

Summary of the invention consists in that the solid lubricant contains caprolactam, copper hydroxide and additionally contains copper acetylacetonate at following components ratio (mass %):

caprolactam	49,5...69,0%
copper hydroxide	30...50
copper acetylacetonate	0,5...1,0

The result consists in increasing the wear and score resistance properties of the solid lubricant.