



The secret of MECHANO-LUBE®1D88

Insider know the most expensive component in a graphite-based lubricant is the graphite. It is not the graphite itself but it is the grinding costs. Actually, the grinding is the secret of success in two respects. On one hand, the grinding determine the quality and on the other hand affects the costs. This is valid for natural graphite as well as for artificial graphite.

We know, some competitors grinding the graphite to death or adding fillers or extenders, others using graphite electrode scrap.

HCC has always taken a different approach. In order to save the workers on a forging press HCC never used ammonia or water glass. However, even in the grinding we go new ways. That is the benefit of over 30 years' experience in graphite.

Question:

If the milling costs are the largest cost factor, how is it possible to offer a low cost lubricant in still fine particle size without extenders and without lowering the quality?

Answer:

The HCC process enables high throughput at moderate energy consumption. We do not hit the graphite to death neither in ball mills nor in energy consuming jet mills. Additional we save the environment. We hope that we can keep our processing method secret for long time because for particular reasons we decided to refrain from a patent application.