

Guidance to use Dry Moly Lube – by Florian Kelsch

Using Dry Moly Lube for engraving (marking) stainless steel using the Endurance 10W Diode Laser



You can get the Dry Moly Lube on many different platforms. It should not matter which brand you are buying. I've got mine from E-Bay.

First of all you simply spray a layer of the Dry Moly Lube at the piece of stainless steel and let it dry (takes only a couple of seconds to dry)

Now you simply engrave it. Im using Lightburn as my laser control software and used the following key settings:

Speed: 3mm/s

Power: 100%

Pattern: Crosshatch (bidirectional)

Flood Fill and scanning shapes individual (one letter at a time)

After the job finished, the stainless steel should look something like this:



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Now you should clean it with some cleaning alcohol (I'm using Nail Polish remover, like isopropanol 99.9%)

After cleaning it usually looks like this:



You can't see it on the photos but the Finish after polishing the stainless steel is pretty nice looking. The Letters are pretty shiny.

I've also tried the Dry Moly Lube on a brass medal. The outcome was okay but I didn't expected the Laser to engrave directly into the brass itself. Need to do more tests with plain brass plates. Will keep you updated.

