

# Dry seal steel stamp

## MAINTENANCE

Rev. 1.0

There is virtually only one maintenance task essential to proper functioning of the stamp and that is the **lubrication of the contact surfaces of the moving parts**. A thin universal oil- or silicone-based petroleum jelly (00, 0) is the most suitable lubricant while graphite grease is absolutely not to be used.

**The lubrication period depends on the frequency of use of the stamp** and the forces applied when stamping. The higher pressure on the lever, the higher the potential wear of the contact surfaces is if not sufficiently lubricated. Any damage of the sliding surfaces transmitting the force of the lever on the vertical peg will manifest itself in the need to apply higher pressure on the lever, and the vertical pin will be seizing more and more until the stamp remains stuck in the down position and the lever does not move up again. At this point, no lubrication helps anymore and you have to purchase a new lever, a pin and usually a lever axle as well.

On the three following figures, you can see three spots that need to be greased on a regular basis. **Lubrication period depends on how intensely the stamp is used**. Individual greasing points are pictured based on the importance of their greasing. The last picture depicts the greasing of the lever's axle using silicon oil spray. See

<http://www.hotair.cz/detail/chemie/k-cisteni/silikonovy-olej-ve-spreji-150ml.html> .

The axle may also be greased with the same petroleum jelly as other lubrication points but the axle would have to be duly pushed out (with a small hammer and an ejector pin) and the axle hole has to be greased from the inside.

1.



2.



3.

