

A private Gun Test made by The Chairman of the Finnish Gunsmith Association, Mr. Matti Peippo on 25 May 2003. (This test was later published as an article in the leading Finnish Gun Magazine, Kaliber No: 1/2004).

Hello,

This is preliminary text for some gun magazine. Read it and tell me if there is anything to be added / removed. Should I repeat the whole treatment for this barrel once again?

Matti

My goal was to test whether the product represented by RVS-Tec Oy functions as they promise: a rifle barrel start to shoot better and friction is reduced. The rifle was my own Norinco 56S cal 7.62*39. I made the barrel of Maxim barrel that was known to be in a bad condition. It is of large 7.94 cal and the rifle channels had become rounded. The length of the barrel became to be 350 mm and I installed a decelerator on the barrel end. At first I went to a shooting range to test the rifle as such. The barrel had been twice cleaned with Forest. As a a sniper scope, I used a recently maintained Carl Zeiss Jena 1.5-6*42 fixed to a picatinny rail. I shot over ten test series with industrially made cartridges as well as with cartridges made by myself. I shot 380x300mm / 100m / 10-15-shot concentration areas with industrial cartridges of Lapua. The areas were 400 x 300mm / 100m at shots 10-30 with cartridges made by myself by using Sako 8-gram bullets. I also changed the rings of the sniper scope that fit better as I started to think that the result was too bad. Replacing the rings did not have any effect on the result. Simultaneously, I also measured the muzzle velocity of all the shots with the cartridges made by myself.

The slowest: 682m/s

The fastest: 706 m/s

The average: 699 m/s

Now it was time to start using the RVS additive.

At first I cleaned the barrel twice and then removed all the grease with acetone. I mixed the additive with oil that is supplied with the additive. The recommendation in firearms application is 0.05 g / 1 litre of oil. I used quite a lot more than that: about 1 g / 1 dl. They said it does not make any harm. I wound a tight wad of 000 steel wool on the cleaning stick. Then I dipped it in the mixture of the additive and the oil. I started cleaning the barrel very heavily. When the wad became loose I made another one, dipped it in the RVS mixture and continued cleaning the barrel. You can imagine that the recommended time of 15 minutes is a long time! So I skipped a bit and stopped at ten minutes. Then I dipped the bullets of thirty cartridges in the RVS mixture and let surplus drip off. I made ready firing series in the magazines as follows: ten dry cartridges on the bottom and ten dipped ones on the top. I shot 10 + 10 shots as fast as my finger could manage. After that I got into cleaning the barrel with an oily wad for five minutes. The following 10 + 10 shots and cleaning. Then the last 10 + 10 shots and we were ready for normal shooting. However, I took a full magazine and shot it fast into an embankment. I even burned by thumb when I touched the gas piston cover. I laid the rifle in order for it to cool down and went to grill some sausage. When my tummy got nicely filled, I felt good to lay down and start shooting at the target with the cooled rifle. I shot 3 x 15 and 4 x 30 shots. All the series were concentrated on an area of 260 x 200 mm. In other words, the area was not quite reduced to a half of the area before the

treatment, but clearly however. The impacts were about 10 cm higher than before the treatment. The velocity increased a bit as well.

The slowest: 698 /s

The fastest: 716 m/s

The average: 709 m/s

I also put the same stuff on the sliding surfaces. It slides well. There is no more a slightest hope of making the slide to get stuck in the back position as with a dry gun. I did the same with a Ruger MK II slide, a Glock 22, and a Sniper Petra. I didn't notice any change with the Petra, but the other guns started to work better. I haven't noticed such a clear effect of any other oils I have used. And how much does it draw sand on it? I don't know yet although I have made acquaintance with sandy terrain with one of these lubricated guns.

How long does the effect of the stuff last in a barrel? According to RVS-Tec Oy, no repeated treatments are needed. I will continue shooting with this barrel this summer as I don't have any competitions at sight. I will then see in the autumn if the situation has got better or worse.

I made a test for the barrel after the shooting by pushing a white cotton plate through it. There was very little black stuck on the plate; i.e. less than normal. A similar test made before the treatment gave a totally black plate.

It should also be mentioned that in some countries armies have started using the product.

What is the stuff?

It is additive made of stone. Silicate. That's how I was told by a representative. Tease them with your additional questions or comments and read about other tests at www.rvs-tec.com.

And for those who think th test was paid for, I have to tell that it is correct. I paid for the journeys 4 x 130 km, cartridges, shooting range fees and meals.

I didn't pay for this:

The RVS additive for the gun test.

They poured this stuff semi-forcibly into my car engine. Thank you for that because the stuff works. Even my wife asked if I had done something with the engine. She says it works more smoothly.