

Easy Sharp

the liquid that sharpens rasps!

Just How Good Is Your Rasp?

The first ever article on the effectiveness of rasps sponsored by Easysharp

The following test took 4 popular rasps: Nicholson, Supercut, Legend, Mercury, and subjected them to an industry standard File and Rasp test performed by CATRA (Formed in 1952 by the British Cutlery industry and supported for many years by the British Government).

The purpose of this test was to compare rasps effectiveness and evaluate the claim that EasySharp fluid has a beneficial effect on rasps, used by farriers, to improve sharpness.

Utilising the CATRA/ FRC flat file tester shown in figures **1 & 2** the following test protocol was used:

The files were mounted in the flat file tester in such a way that the rasp side was facing a test bar. This bar had a cross section of 1" X 0.5" had had a hardness of 60HRC.

The test machine was set to a stroke length of 5" and a stroke rate of 40 strokes/ minute. The test bar was loaded against the rasp with a load of 5.8Kg

Each test was 200 cycles and the amount of test bar removed / 200 cycles was measured and recorded, this was repeated a number of times.

In order to measure the effectiveness of easy sharp both new and worn rasps were used. After various test periods the rasps were immersed from 5 -12 hours in the standard easy sharp solution as described in the manufactures instructions. The rasps were then retested.

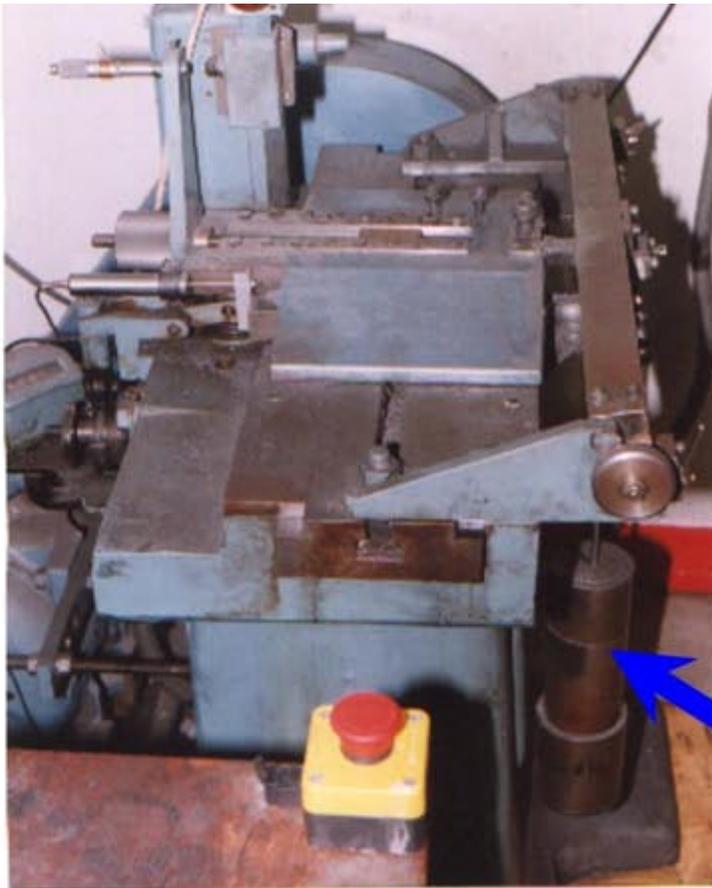
Whilst these tests are far from complete (over 50 rasps on the market and growing!), in the first of its kind we have attempted to demonstrate a variety of results: The following **3 figures** provide the format which this information is presented.

i) Comparing a "work worn" rasp to a "machine worn" rasp and the effects of immersing in EasySharp.
Fig 3

ii) Comparing several different types of rasps. **Figs 3/4/5**

iii) Measuring the "resharpening effects" of EasySharp on both "file" and "rasp". **Figs 3/4/5.**

This testing forms part of an ongoing report that will be available via www.easyssharp.co.uk where farriers (and manufacturers) can access the results. But please be patient ... these tests are very time (and money!) consuming but it is hoped that they will provide valuable information to **How Good Your Rasp Really Is.**



CATRA file Tester
for Flat Files

Loading weight



CATRA File tester
for flat files

File

Test bar

Fig 3

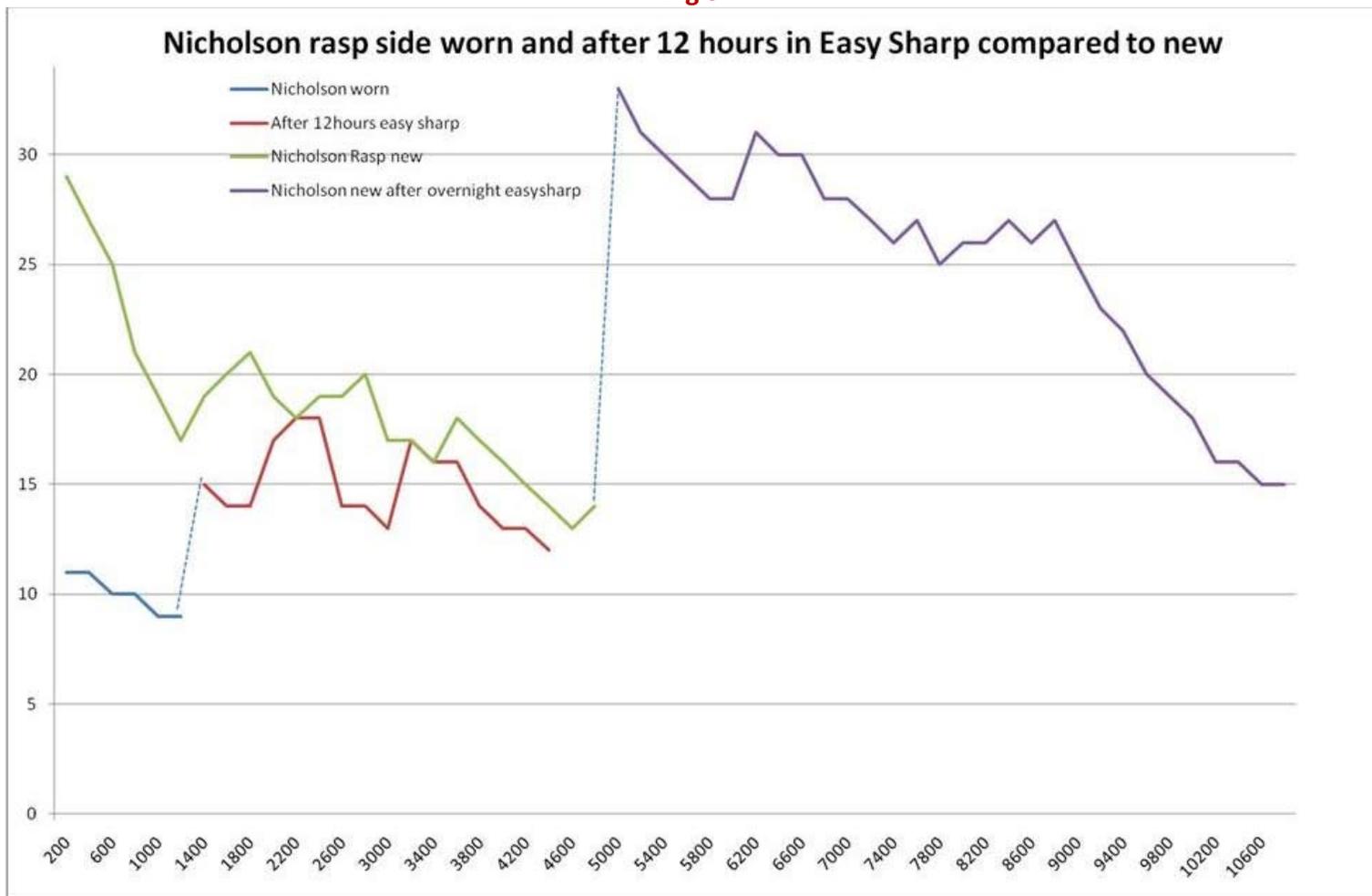


Fig 4

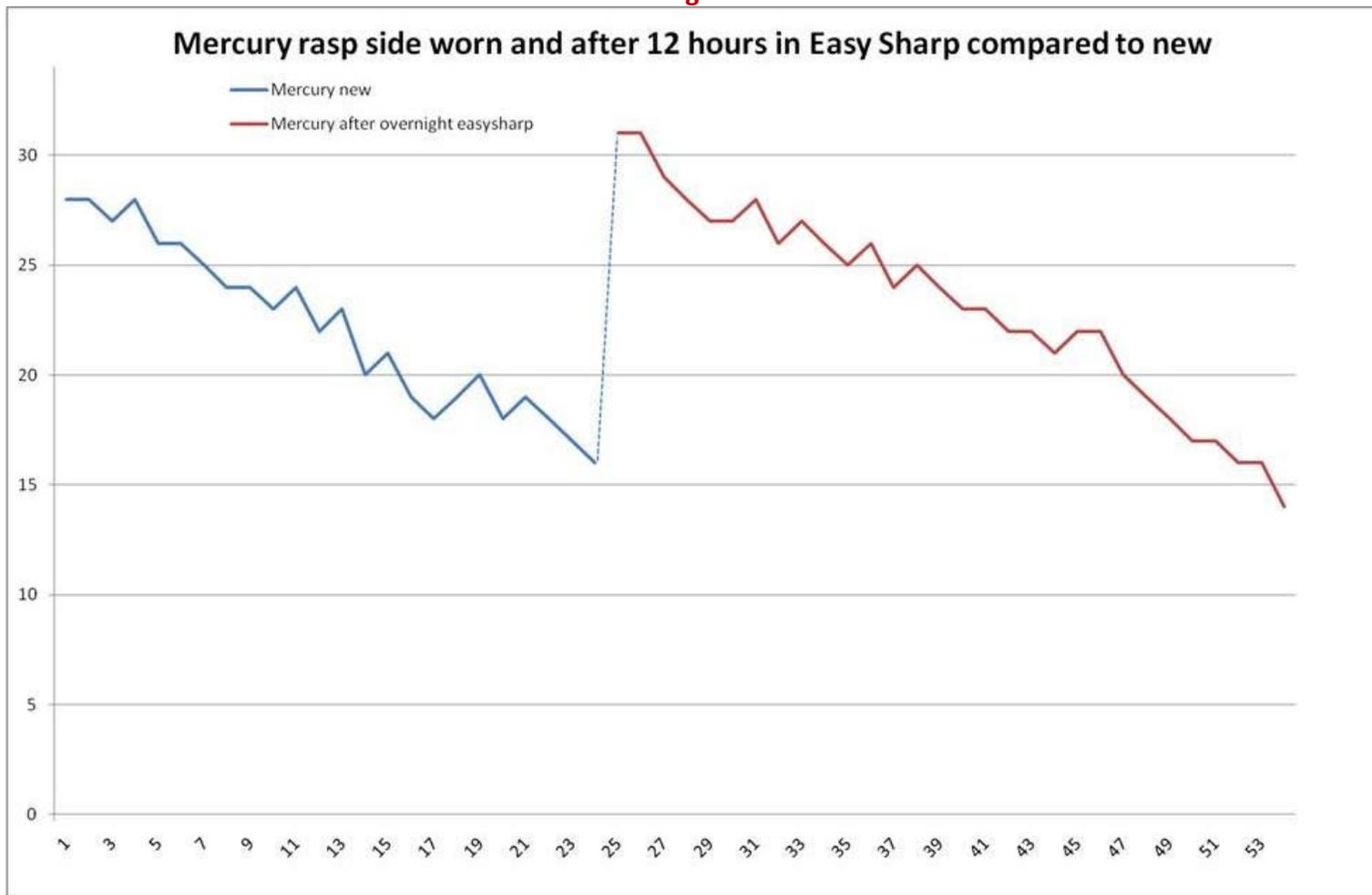


Fig 5

