CFS - Descaler vs Competitor Product

Metal Loss (Corrosion) over 120 Hour period

Test Configuration
To demonstrate the inhibitor functionality of CFS Descaler in comparison to our main competitor, CFS Descaler and the main industry competitor were mixed at 4:1 in equal quantities in equal containers. For this test, nails were used at equal weights.

To demonstrate the effectiveness of both descaler products after the metal test a 24g shell was placed in each and the dissolving action timed, both completely dissolving the shell at exactly 6 minutes.

The Results
It is demonstrated that over the 120 hour period CFS Descaler performed outstandingly. CFS had a total metal loss of only 1.63% (0.04g of 2.46g) after the full 120 hours soak time, while our competitor achieved a mass metal loss of 50.41% (1.24g lost of 2.46g) over the same 120 hour period.

The graph in figure 1 demonstrates that even after soaking for 30 times longer than recommended our product has retained 98.37% of the original while the Competitor retained only 49.59% which is a shocking result.

Conclusions
This test performed was over a period 30 times longer than that recommended by both CFS Descaler and the competitor products (4 hours) however it shows the very real risk of metal attack when using many of the industry available standard products even in short periods of soak or flush time. As seen in figure 1 above the competitor product instantly began corroding the part with little to no inhibition from corrosion. CFS Descaler clearly demonstrates an incredible inhibitor functionality while sustaining the same descaling functionality.