

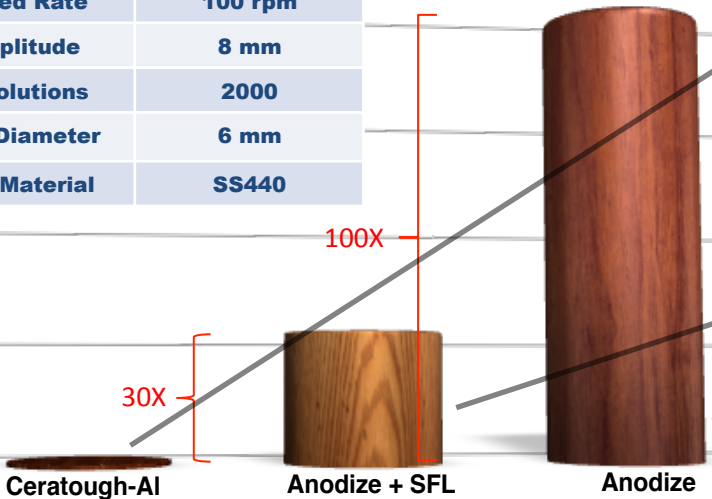
# PEO Performance Comparison - ASTM G133 Wear



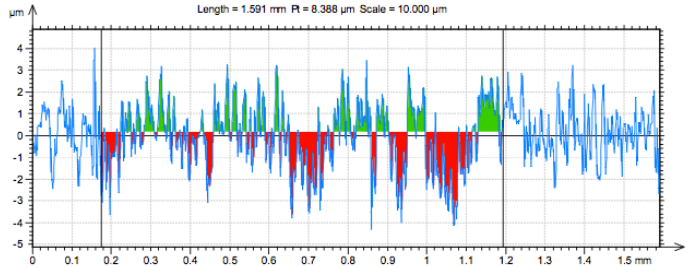
Wear Rate (mm<sup>3</sup>/Nm)

Load	20.0 N
Duration of Test	20 min
Speed Rate	100 rpm
Amplitude	8 mm
Revolutions	2000
Ball Diameter	6 mm
Ball Material	SS440

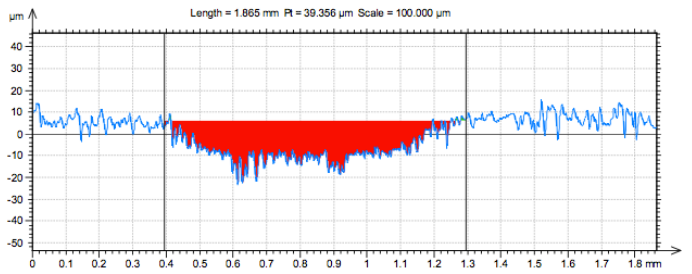
0.0006  
0.0005  
0.0003  
0.0002  
0



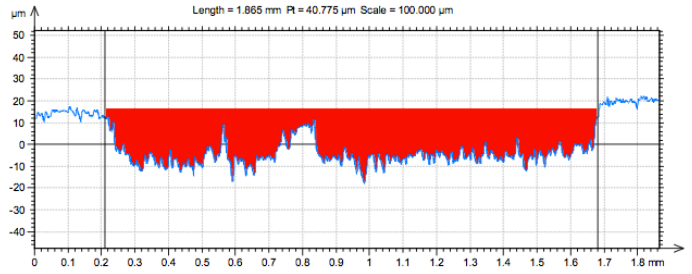
Fretting Wear of Al 7075 T6 Alloy by Treatment	
Hard Anodized	0.0001597
Hard Anodized with MoSi <sub>2</sub> Solid Lubricant	0.00006223
CeraTough™ Coated	0.000004021



Area of the hole 804.191 µm<sup>2</sup>



Area of the hole 12445.149 µm<sup>2</sup>



Area of the hole 31948.480 µm<sup>2</sup>

Figure 2: Area of the hole for N-21



# Corrosion Pitting



## Number of Pits after B117 Salt Spray (1344 hours)

