

## Accepted Manuscript

Performance of nitrogen ion-implanted supermartensitic stainless steel in chlorine- and hydrogen-rich environments

Bruna C.E. Schibicheski Kurelo, Gelson B. de Souza, Francisco C. Serbena, Willian R. de Oliveira, Cláudia E.B. Marino, Leticia A. Taminato



PII: S0257-8972(18)30750-3  
DOI: doi:[10.1016/j.surfcoat.2018.07.058](https://doi.org/10.1016/j.surfcoat.2018.07.058)  
Reference: SCT 23624  
To appear in: *Surface & Coatings Technology*  
Received date: 9 January 2018  
Revised date: 28 June 2018  
Accepted date: 16 July 2018

Please cite this article as: Bruna C.E. Schibicheski Kurelo, Gelson B. de Souza, Francisco C. Serbena, Willian R. de Oliveira, Cláudia E.B. Marino, Leticia A. Taminato , Performance of nitrogen ion-implanted supermartensitic stainless steel in chlorine- and hydrogen-rich environments. *Sct* (2018), doi:[10.1016/j.surfcoat.2018.07.058](https://doi.org/10.1016/j.surfcoat.2018.07.058)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Performance of nitrogen ion-implanted supermartensitic stainless steel in chlorine- and hydrogen-rich environments**

Bruna C. E. Schibicheski Kurelo<sup>1,\*</sup>, Gelson B. de Souza<sup>1</sup>, Francisco C. Serbena<sup>1</sup>,  
Willian R. de Oliveira<sup>1</sup>, Cláudia E. B. Marino<sup>2</sup> and Letícia A. Taminato<sup>2</sup>

<sup>1</sup> Laboratory of Mechanical Properties and Surfaces, Department of Physics,  
Universidade Estadual de Ponta Grossa, Av. Gen. Carlos Cavalcanti 4748, 84.030-900,  
Ponta Grossa, Paraná, Brazil

<sup>2</sup> Department of Mechanical Engineering, Universidade Federal do Paraná,  
Centro Politécnico, 81531-980, Curitiba, Paraná, Brazil

\* Corresponding author. E-mail: [bruna\\_schibicheski@hotmail.com](mailto:bruna_schibicheski@hotmail.com)

Download English Version:

<https://daneshyari.com/en/article/8023217>

Download Persian Version:

<https://daneshyari.com/article/8023217>

[Daneshyari.com](https://daneshyari.com)