

Article

A Survey on the Oxidation Behavior of a Nickel-Based Alloy Used in Natural Gas Engine Exhaust Valve Seats

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Supplementary material

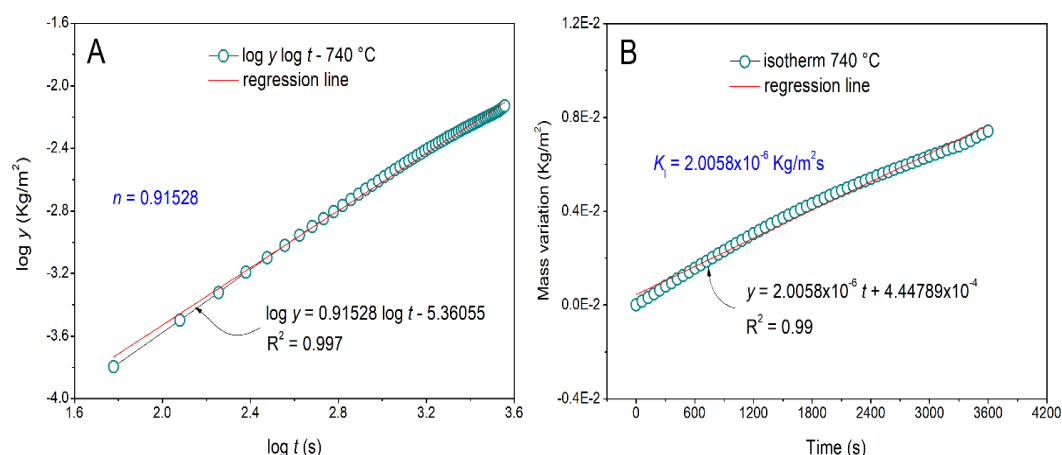


Figure S1. Mass variation per unit surface area as a function of the exposure time for the SV15 alloy at 740 °C: A) $\log y$ versus $\log t$ to determine the oxidation rate index (n); and B) y versus t to determine the linear oxidation rate constant (K_1).

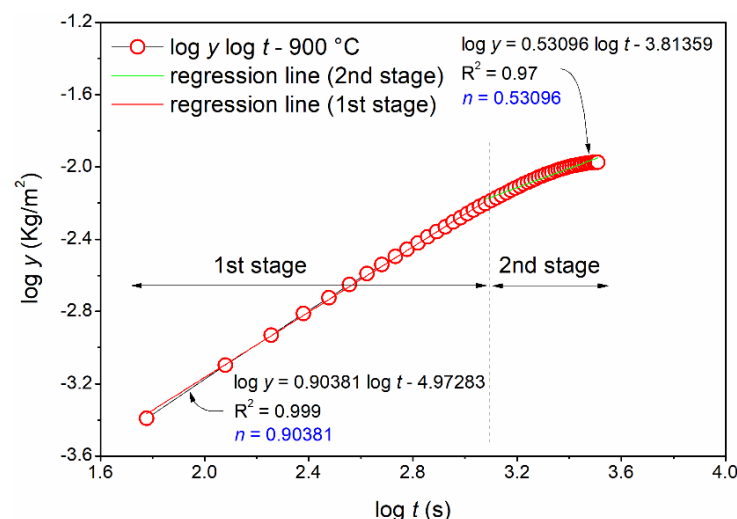


Figure S2. Regression lines two-stages at 900 °C.

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