



**NATIONAL TESTING STANDARDS INC.**  
RESEARCH AND TESTING LABORATORIES

---

**Report No. 31078**

May 30, 2014

**Client:** Rust Bullet, LLC  
300 Brinkby Ave., Suite 200  
Reno, NV 89509-4359

**Reference:** Frank Ciglar  
Purchase Order No. 031114-1

**Subject:** Palm Oil Compatibility

**Sample Description:**

One coated metal test panel was submitted by the Client and identified as steel coated with Rust Bullet Standard Rust Inhibitor.

**Request:**

Determine the effect of long term contact between the submitted panel and crude palm oil.

**Method:**

The submitted coated test panel was submerged in crude (unprocessed) palm oil for sixty (60) days at room temperature. After this time period the palm oil was analyzed by infrared (IR) spectroscopy for polyurethane components and the panel surface was examined for surface coating change.

**Results:**

After sixty days exposure the IR analysis of the palm oil revealed no polyurethane or other contaminating components present at the 10 ppm detection level.

The visual and physical examination of the surface of the test panel indicated no change in the adhesion nor hardness of the coating.

**NATIONAL TESTING STANDARDS**

A handwritten signature in black ink that reads "Lewis F. West". The signature is written in a cursive style.

by Lewis F. West