



MPI's Test: LocoMoto Clear Coat

Test to Prove Effectiveness of Coating

27 SEPT 2012

LocoMoto Clear Coat Removal Test



Test paint used for tagging locomotive fuel tank

- ≈1/4 can of Rustoleum® Red
- ≈1/8 can of Rustoleum® Black
- Sharpie® black permanent marker for an outline

Date test paint applied: 9/12/12

Testing Conditions

- Paint applied (generously) at noon on 9/12/12
- Weather was sunny with an ambient temperature of 90°F
- Locomotive located on south end of property with painted fuel tank facing south
- Locomotive did not move for duration of testing period
- Average temperature during testing period: 80°F
- Number of cloudy/overcast days: 2
- Paint thickness (at thickest point): \approx 5 mils

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Date of Removal: 9/27/12 (paint set for 15 days)

Medium used for paint removal: Erasol™

Quantity of remover used in test: 39 oz

Price of Erasol™: \$9.95/pint (total cost for test media removal = \$24.25)

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Temperature at Time of Removal: 72°

Steps to Removal:

1. Spray affected area with Erasol™ Graffiti Remover
2. Allow Erasol™ time to penetrate paint
3. Lightly scrub thickest area of paint with soft, nylon brush
4. Rinse area with clean tap water
5. Wipe area with clean rag or cloth

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Notice the outline of the tagged area where the Sharpie® had outlined the lettering.

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Final spray down with Erasol™ on the LocoMoto Clear Coat prior to rinsing with water from the tap.

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Notice the reflection of the glove in the coating. The finish is as shiny as day of tagging. The cleaning agent removed the graffiti from the paint, but did not damage the finish.

Total time to remove graffiti: 15mins 37 secs.