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PILOT TEST REPORT: MDOT

NANO-CLEAR INDUSTRIAL COATING FOR MICHIGAN DEPARTMENT OF TRANSPORTATION TRUCKS



**Michigan Department
of Transportation (MDOT)**
Lansing, Michigan

Industrial Customer:

Michigan Department of
Transportation
POC: Dave Rambo

Project:

Pilot program to coat ½ of each of
2 new plow/salt trucks with Nano-
Clear Industrial (NCI) for validation
by the State of Michigan.

Project Location:

Clinton Township, Michigan

Applicator:

That's Minor Customs
Clinton Township, Michigan
POC: Frank Maiorano

Coating Formulation:

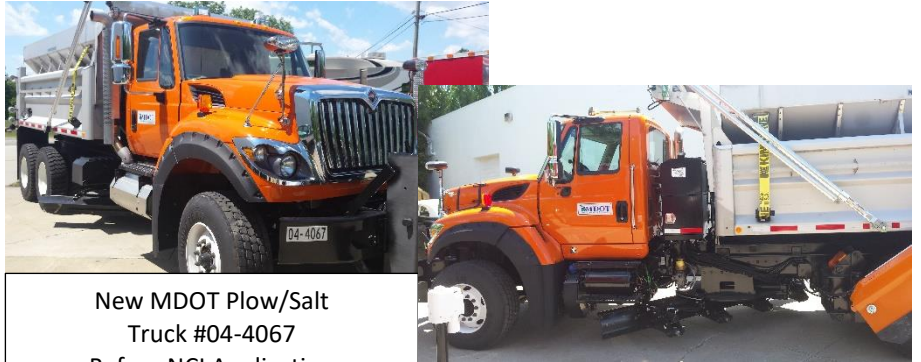
Nano-Clear Industrial (NCI) coating

Application System:

Commercial (HVLP) spray gun for
#04-4067 and Graco airless for
#04-4068

Date:

Application: August 2016
90F (average) sunny, hot, humid



New MDOT Plow/Salt
Truck #04-4067
Before NCI Application



New MDOT Plow/Salt
Truck #04-4067
After NCI Application
August 2016

PROJECT OVERVIEW:

Michigan Department of Transportation (MDOT) wanted to complete a follow-on pilot test on two new plow/salt trucks bumper #04-4067 and #04-4068 based upon previous Nano-Clear NCI pilot program. One-half of each truck was to be coated with Nano-Clear Industrial (NCI). The driver side half of truck #04-4067 and the passenger side half of truck #04-4068 was prepared and sprayed with a 4-6 mil coating of Nano-Clear Industrial (NCI) during August 2016.

PURPOSE OF THE TEST:

The purpose of the testing is for validation of the corrosion protection properties along with objective to eliminate maintenance cycles for preservation of the equipment. The reduction of maintenance costs and preservation of the plow/salt trucks from corrosion damage should provide savings over the NCI application costs.

COATING FORMULATION:

NCI – a crystal clear, aliphatic, moisture cured, one component polyurethane/polyuria hybrid formulation with extreme cross-link density for UV, CHEMICAL AND ABRASION RESISTANCE.

NCI is formulated to penetrate and fortify existing paint systems (newly painted or highly oxidized), not replace them.

Applications: Heavy equipment, ships, external structures, fleet equipment, facilities, fences (metal and wood), above ground storage tanks, equipment, bridge rails and signs that have degraded paint/coatings from UV, chemical and abrasion forces.

Please contact us for more information:

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