# Nano-Clear®

## **Industrial Case Study**

Leading US Tank Car Manufacture / Leasing Company

### **Technical Challenge**

- ➤ Reduce Material Cost
- ➤ Reduce Labor Cost
- ➤ Reduce Energy Cost
- > Extend In-Service Life
- Reduce VOC
- > Improve UV Resistance









#### **Technical Solution:**

Nano-Clear for Industrial Applications was chosen to replace epoxy 2K black. Nano-Clear 1K restores oxidized paint, enhances underlying black color, dramatically improves surface hardness and prevent further UV degradation of underlying paints.

#### **Nano-Clear Coating Benefits:**

- Material Savings 5 gal of Nano-Clear vs. 30 gal of Epoxy
- Energy Savings No Heat Required to Cure
- Environmental Lower VOC per Facility
- Higher Production Throughput with Nano-Clear
- > 2X Extended Service Life of Tank Car
- Savings \$625 per Tank Car using Nano-Clear



