



Better Chemistry. Better Business.

Metal Guard® 350

Case Study

About the customer: A manufacturer of industrial equipment; large machined bare steel parts

Problem to be solved: After the parts are manufactured, they are shipped to one or more warehouses and need protection from rust for 1 week to up to 6 months. The customer was using Cosmoline, a product that has been used since the 1940's especially for military applications. While Cosmoline provided protection against corrosion, the product itself is very thick, and hard to use. Because of the product thickness, the customer would experience excessive dragout using Cosmoline, resulting in heavy product usage.

Application: The bare steel parts were immersed in a bath with Metal Guard 350 then stored in a warehouse while awaiting shipment to another warehouse or customer.

Results: After almost 6 months in a warehouse, the parts tested with Metal Guard 350 are still rust-free.

What is different today: The customer is very pleased with the results of the test. Metal Guard 350 proved to be an effective replacement for Cosmoline. Because Metal Guard 350 is a water-based product it is safer, easier to apply and remove. Because Metal Guard 350 has a lower viscosity than Cosmoline, the customer noticed a reduction in dragout and overall use of rust preventative product. The savings in time and product use should reduce their overall expenses for corrosion protection.