

LIGHT INDUSTRIAL CASE STUDY

FREIGHTLINER M2 UTILITY BODY



1 SITUATION

Most utility bodies are exposed to harsh conditions and substantial abuse. This is particularly true for heavy industrial businesses, such as the large boring and tunneling company that was searching for a solution to the regular downtime and repair costs associated with their utility bodies. In addition to protection from impact and abrasion, the company needed a textured surface that would serve as a skid resistant measure where employees walk.

Rock chips, debris and other routine abrasions wear away the thin paint standard on utility bodies. This exposes the metal beneath to corrosion and decay and creates significant costs for companies in downtime, repair and non-recoverable asset depreciation.

2 PROCEDURE

Three new Freightliner M2 utility body vehicles were brought to the LINE-X® store where they were masked, cleaned and abraded. Special caution must be taken with OEM paint as the adhesion to the metal may not be high quality. In this case, the areas to be sprayed should be heavily abraded and primed with SF-515 prior to application of LINE-X XS-100. The floors of the utility bed and back step platform were sprayed at approximately 125 mils with heavy texture; the walls and tops were sprayed approximately 80 mils. The front of the toolboxes were protected from rock chips with 80 mils of XS-100.

Each truck was completed in approximately five hours.

3 SOLUTION

For superior protection against abrasion and rock chips, LINE-X XS-100 is the answer. The XS-100 formula also allows the applicator to increase the texture to provide the necessary skid resistant properties.

4 RESULTS

LINE-X protects the utility body from severe abrasion typical in heavy industrial uses, provides excellent rock chip protection for the front of the toolboxes and helps create a safer work environment with added skid resistant texture. The customer is very pleased with the application.

