LIGHT INDUSTRIAL CASE STUDY

HITCH RECEIVER PLATES

1

SITUATION

Hitch receiver plates typically require grease or a Teflon® disc to minimize friction between the receiver and trailer. The problem arises when a greased receiver hooks on to a trailer with a Teflon® disc. The greased receiver causes a breakfown of the Teflon® coated disc. Each time a trailer is switched, depending on what has been used, the receiver plate must be recoated. This process is messy, expensive and takes time.

2

PROCEDURE

The hitch assembly is removed from the vehicle. The hitch assembly is degreased and carefully masked to protect areas left uncoated, ie. the underneath mounting platform and inner section where pin is received. Once masked, the assembly is then sandblasted and primed. New units are simply masked, sandblasted and primed. Once these steps are completed, a 1/8” think coating of LINE-X® XS-350 is applied. Unit is then unmasked. The cure time is approximately 48 hours and the unit is ready to go.

3

SOLUTION

LINE-X XS-350, while offering exceptional corrosion and abrasion resistance, provides a smooth slippery surface eliminating the necessity of adding grease or slip disks to the assembly. This allows for quick and easy hook-ups every time. It also reduces the expense of grease of having to recoat Teflon.

4

RESULTS

Hook-ups will be quick and easy - no more mess of having to clean off and apply new grease, no expense involved in purchasing and replacing worn Teflon disc, etc. Just hook-up and go. An added advantage of having a LINE-X coated system during the cold weather months is that even in -40°c the coated hitch plate makes for a smooth turning with no “stuttering”.

LINE-X PROTECTIVE COATINGS