



CASE STUDY

RAILCAR BRIDGE

Suspended Pipeline Protection



Oil pipeline suspended from a train rail bridge protected with Denso Petrolatum ColorTape.



DensoColor Tape is easy to install and requires no special training to apply.



Denso ColorTape was used as corrosion prevention measure as well as a lead encapsulation means.

Project Data

Location	Northern British Columbia
Completion	2015
Project Type	Suspended Pipeline
Products Used	Denso Paste / Denso ColorTape / Denso Glass Outerwrap
Contractor or Applied By	N/A

Project Details

Suspended from the lowerdeck of the bridge is an oilpipeline that was originally coated with a lead based paintthat had begun to flake off and subsequently fall into the pristine fresh-water river. The decision was made to use Denso ColorTape to overwrap the existing lead paint in order to encapsulate the pipeline and prevent any further lead contamination of the river, Denso Glass Outerwrap was used to mechanically strengthen the coating system in locations where the pipe was suspended by saddles.

Denso Tape was chosen because of its general properties, ease of installation and because of its resistance to ultra-violet rays. This coating system was also chosen because the surface preparation requirement is minimal and allowed the contractor to wrap the pipeline without abrasive blasting and therefore having to forego the immense and costly task of not only involving blast equipment and additional manpower but also structuring a ead containment system to be suspended under the bridge.

Fortunately the existing coating failure was in the very early stages so very little contamination ever entered the waterway. The work was accomplishedby building a temporary scaffolding system that was suspended from the bridge allowing workers to access the full length of the pipeline crossing and successfully coat the pipe as the occasional train rattled across the upper deck of the bridge.

Benefits

- Long Term Protection
- No Training Required
- Easy Application
- UV Resistance

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