MCORABILITIES™

CASE STUDY

SERIES

PROJECT: Protective Coating for a Triplex Pump

OWNER: Tucker Energy Services Limited

DATE: November 2016

PRODUCTS: MCOR 1298 | mCoat IM Plus™

Triplex pump gets protective makeover using MCOR 1298

The Problem

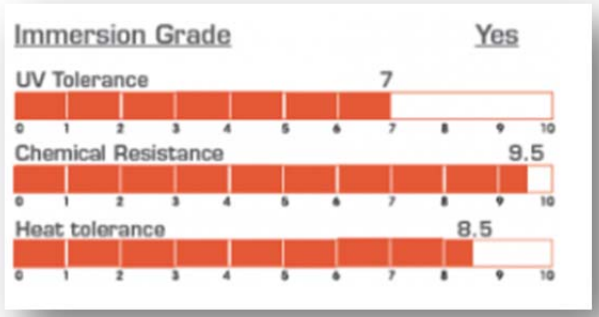
Farraz Ali, Maintenance Planner and Scheduler for Tucker Energy Services Ltd, contacted Sheldon Gay of Campquip, distributor of MCOR products for Suriname, Guyana, Trinidad & Tobago, to ask for recommendations for a coating that would withstand 5% citric acid for the 3" to 4" suction and internal steel pipings of a relatively new steel triplex pump.

Solutions that Work

Due to its ultra-high chemical resistance to various chemicals, Mr. Sheldon Gay recommended the use of MCOR 1298.

Products that Out-perform

MCOR 1298 | mCoat IM Plus is a two-component, ultra-high, chemical-resistant phenolic novolac epoxy that has been designed to specifically protect, seal, and outperform in environments that are immersed or that experience flow or splash. MCOR 1298 provides a seamless, monolithic lining that serves as a seal and barrier against the environment. It has an excellent smooth film, a high gloss, impact resistance, blush resistance, chemical resistance, and UV tolerance. Because mCoat IM Plus can be applied by brush, roller, or spray, it offers tremendous usability and ease of application. It is self-priming, and it ties back into itself indefinitely for long-term sustainability.



No Nonsense Applications

To prepare the surface, a simple sand blast followed by a cleanse using an acetone solvent was completed to meet the required specifications for MCOR 1298. The product was then mixed using a 2:1 ratio. The first coat was applied using brushes of various sizes to match the piping size. After two hours, the second and final coat was applied to complete the application. The product was allowed to cure for 72 hours (the required cure time) before the pump was reassembled.

A Final Look

This coating project ran smoothly, and it was completed on time and within budget. Mr. Farraz Ali was satisfied with the work, and he plans to recommend MCOR for future applications to the plant's chemical pumps.

For more information about MCOR 1298, visit mcor.net/mcor-product/mcor-1298-mcoat-im-plus/

To learn more about MCOR's complete product line, visit mcor.net/products.

For more information, please contact your local MCOR™ consultant

MCOR™
Advanced Mechanical Polymers

1.888.961.MCOR

mcor.net