


Case History – BHP Electric Motors

Month/Year

Products **NMP 1530 Thin-film superior protective coating**

The Problem Electric motors situated within the BHP mine site were suffering severe corrosion due to being constantly sprayed by water. The client was looking for a coating that would preserve the motor casings and stop the corrosion.

The Solution The motors were taken off site where the shafts were sealed with a silicone paste before being sand blasted to a near-white finish. The motors were then coated with NMP 1530 using a brush to approximately 400 microns. The coating was allowed to cure for 24 hours before a second coat of 400 microns was applied to prevent any pinholes. The motors were put back into service after an additional 24 hours.

A number of motors have been treated over the last three years and we have not encountered any problems. The client is happy with the condition of the coating.

Notes/Comments