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LABORATORY ACCREDITATION BUREAU
ACCREDITED ISO/IEC 17025
Certificate # L2267 Testing

Evaluation of Fuch's Anticorit MKR

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Date: November 13, 2014

Purpose: To compare the corrosion protection of Fuch's Anticorrit MKR against Biocorr and VpCI-377.

Sample Received: Fuch's Anticorrit MKR

Method: ASTM D-1748 (humidity testing)

Materials: VpCI-377 (batch #14334)
BioCorr (batch #14094)
Carbon Steel panels, SAE 1010

Procedure: The following procedure was followed for the humidity testing:

1) Fuch's Anticorrit MKR was diluted to 12% concentration and VpCI-377 was diluted to 10% concentration. Both samples were diluted by weight using DI water. BioCorr is tested as is.
2) Carbon steel panels were dipped in the samples to be tested, then hung to dry overnight.
3) Place the panels in the humidity cabinet and inspect them for corrosion on a regular basis.
4) Record the number of hours for the panels to fail. Failure is determined by observing one spec of corrosion that is 1-3mm in diameter, or three specs of corrosion at least 1mm in diameter.
5) After 210 hours, the panels were removed from the humidity cabinet, hung to dry, and then photographed.

Results: The following results were found for the humidity testing:

Sample	Time to Failure
12% Anticorrit MKR	190 hours
BioCorr	190 hours
10% VpCI-377	>210 hours

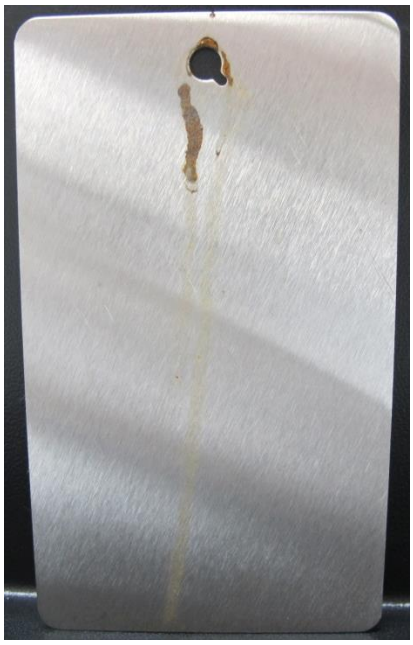
Interpretations: VpCI-377 at 10% in this test outperformed Anticorrit MKR at 12% concentration and didn't show corrosion after 210 hours.

Photos:

Humidity Testing

after 210 hours

12% Anticorrit MKR



BioCorr

10% VpCI-377