



# Tip Of The Week

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**July 30, 2012**

## Cooling the Clinker

It can't be said too many times or too often, how important it is to routinely test your motors AND act on test results that are questionable. Recently motor data was submitted to us regarding a hydraulic motor responsible for cooling the clinker at an Egyptian cement plant. They were alerted to a possible problem when they performed an EMAX test and the results showed trouble. In an effort to identify the problem they took the motor offline and ran a three-minute Standard test and also a Polarization Index (PI) test. Something was wrong, but what? If the motor failed unexpectedly it could cost \$300,000 in lost production! The decision was made to pull the motor. Watch this case study to see what they found and learn what a clinker is. <http://www.pdma.com/webinars/Clinker/Clinker.html>

You are invited to submit an Electric Motor Testing Tip of your own and receive a free PdMA mug or hat if we publish it! Contact Lou at 813-621-6463 ext. 126 or [lou@pdma.com](mailto:lou@pdma.com).

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