



Electric Motor Testing Tip of the Week

revolutionizing *electrical* reliability

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Gear Drive Oil Leak – a Potential Problem

When servicing motors in the field, pay attention to oil leaks from gear drives in the area of your motor. Many of these components use EP Gear oils which contain sulfur-phosphorus additives. This additive is corrosive to yellow metals. If this oil works its way into an electric motor it may react/attack the coatings on the windings causing premature failure. Also, ensure that the persons lubricating your motors are aware of this and do not use EP grease on the motors for the same reason.

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Congratulations, Todd!

**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 Martindale at 813-621-6463 ext. 126 or lou@pdma.com.**

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