



A Leader in Electric Motor Testing

Tip Of The Week

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Keeping Track of Starts

One of the primary variables in determining the life expectancy of your motor is heat. Heat is often the final variable causing pre-mature aging and breakdown of your insulation system. Another component of your electric motor, overlooked for heat related failure is the rotor. The rotor experiences extreme heating during every start causing natural heat related aging of the steel, copper, and aluminum. Motor design engineers know this and consider 3,000 starts a normal life expectancy. So, if you are not tracking the number of starts, maybe you should start tracking them. Knowing this could help your decision making when you are considering a repair vs. a replacement later in the motor's life.

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. 166 or lou@pdma.com.

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