



A Leader in Electric Motor Testing

# Tip Of The Week

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May 15, 2017

## The Heat Is On

As summer nears, thoughts of extreme heat and humidity start to enter our minds. Heat and humidity are not friends of the electric motor, in fact heat is often cited as the number one killer of electric motors. Heat within the electric motor can be caused by a variety of sources such as power quality, power circuit, and stator anomalies. Additionally, non-electrical factors such as improper operation and ventilation, and bearings often lead to excessive heat and insulation breakdown. To see more details on the negative effect of heat on your electric motor visit our YouTube site at:

<https://www.youtube.com/channel/UC-cUONWaudkKReNwC0PPXMQ>

You are invited to submit an Electric Motor Testing Tip of your own and receive a free PdMA<sup>®</sup> 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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