



Tip Of The Week

August 17, 2009

Misconceptions on Energy Efficient Motors

As stated in the EASA literature *Understanding Energy Efficient Motors*, the number one most common misconception about energy efficient motors is that “An oversized motor is less efficient”. The bottom line is that a motor often runs most efficiently somewhere between 60% and 85% full load. This means that a 30HP load would be more efficiently supplied by a partially loaded 50HP motor than a fully loaded 30HP motor.

For more information on making motor replacement decisions using energy analysis software go to:
<http://www.pdma.com/webinars/MCEGold2.2/EnergyCostanalysis.html>

To get a copy of EASA literature on energy efficiency go to <http://www.easa.com>

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.

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