

Forward March!



We're pleased to present the first-ever *March* issue of *Power Transmission Engineering*.

For the past six years, we've published this magazine on a bi-monthly schedule, but in 2014 we've increased our schedule to eight times per year. In your hands is one of the bonus issues. The other will come in September.

The additional issues allow us the opportunity to cover our subjects in greater depth and to address industries, applications and topics that in the past we just didn't have room to include.

For example, in this issue, we bring you extensive coverage of fluid power components and construction and mining equipment applications. There was a lot to see and learn about at the recently concluded IFPE and CONEXPO-CON/AGG 2014 show. Hopefully those of you who went to the show had the opportunity to stop by our booth and meet Associate Publisher Dave Friedman. But for those who didn't make it, we put together some of the show highlights beginning on page 16.

In addition, Senior Editor Jack McGuinn put together an in-depth look at the critically important role of purchasing personnel in the design and manufacturing of machinery and equipment with highly engineered components. His article begins on page 24.

As usual, we've tried to put together a roster of technical articles that will appeal to a wide variety of interests. We have an examination of gear pumps that use differently sized gears and a primer on the best practices in gearbox assembly—an article that should be of especial

interest to those who are designing gearboxes or those who are involved with maintenance and repair. Also, we have an analysis of one of the common failure modes in wind turbine bearings that sheds light on which materials and processes are most suitable for that highly demanding application.

Finally, this issue included our first annual *Engineering Showcase*, a special advertising section featuring some of the leaders in the design and manufacture of mechanical components. Thanks to all of the companies who participated this year.

As we continue to grow, we look forward to your feedback and comments. Your input helps us bring you the articles that are of most use to you. So please drop me a line at wrs@powertransmission.com if you'd like to respond to any article in this issue, if you have ideas of your own you'd like to contribute, or just to say hello. We always look forward to hearing from you.

