



## WHY APPLICATION-SPECIFIC LUBRICANTS EFFECT PRODUCT PERFORMANCE

### PRODUCT-SPECIFIC LUBRICANTS CAN EXTEND LIFE OF NOOK LINEAR MOTION SYSTEMS

Cleveland, OH – March 15, 2004 – Nook Industries, a leading manufacturer of linear motion control systems and components, explains the importance of using its manufacturer recommended application-specific lubricants to extend its products operational life.

Lubricants facilitate the installation and performance of product and provide exceptional wear protection, reduce friction, and inhibit corrosion. By recommending its lubricant, Nook Industries can ensure the lubricant minimum characteristics have been tested and provide adequate lubrication in the application. The selection of lubricant is part of the engineering evaluation/design and should not be an afterthought. Lubrication is an essential part of the tribological system, thus its selection is critical. Harm to the products function can come from the lack of lubricant as well as the selection of an unsuitable lubricant.

Typically it is best to lubricate after product is installed to promote easier handling and to prevent contaminants being attracted to the presence of lubrication. Some applications use oil as their lubrication medium, thus product is shipped dry, coated with a corrosion prevention preservative. Product can be shipped with application specified lubrication.

“The formulation of Nook lubricants is based upon our breadth of experience and requirements of specific applications developed over the years.” says Ron Domeck, Nook Industries’ President. “By recommending lubricants, we increase our value to our customer by providing a more complete solution/recommendation and limit the need for multiple contacts to reach a conclusion.”

Nook lubricants include: E-900 available in spray and liquid for ball screw assemblies, ball bearing splines, and other rolling element products; E-100 spray and PAG-1 grease for acme screw assemblies; LBL-1 liquid for linear bearings. Nook Industries lubricant characteristics and MSDS sheets are available for download at [nookindustries.com](http://nookindustries.com).

### Website Links

Ball Screw Lubrication: [www.nookindustries.com/ball/BallLubrication.cfm](http://www.nookindustries.com/ball/BallLubrication.cfm)

Acme Screw Lubrication: [www.nookindustries.com/acme/AcmeLubrication.cfm](http://www.nookindustries.com/acme/AcmeLubrication.cfm)

Linear Lubrication: [www.nookindustries.com/linear/LinearLubrication.cfm](http://www.nookindustries.com/linear/LinearLubrication.cfm)



### About Nook Industries

Nook Industries is a leading manufacturer of linear motion components and linear control systems that are used in a multitude of applications requiring controlled, straight-line movement. Founded in 1969, Nook Industries designs and manufactures innovative solutions for industrial applications involving precise lifting and/or positioning. Many of the world’s leading manufacturers in industries ranging from transportation, medical/diagnostics, and paper to chemical, food/beverage, and communications rely on Nook products for tooling and product design. Headquartered in Cleveland, Ohio, Nook Industries is committed to quality, emphasizing continuous improvement, defect prevention, and the use of statistical methods and consistent training to ensure the quality of its products. For additional information, visit the Nook web site at [www.nookindustries.com](http://www.nookindustries.com) or call 1-800-321-7800.

Note to editors: Nook Industries, the Nook logo, PowerAc, PowerTrax, PowerTorq, EZZE-MOUNT, EXCEL and ActionJac are trademarks or registered trademarks of Nook Industries, Inc. All other trademarks are the property of their respective owners.



Nook Industries, Inc.  
4950 East 49th Street  
Cleveland, Ohio  
44125-1016 USA

For additional information contact:  
Chris Nook – Vice President of Marketing and Sales  
Tel: 216-271-7229 • Email: [cnook@nookind.com](mailto:cnook@nookind.com)

