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For Immediate Use

Explore Options for Medical Device Lubrication Using Medical-Grade Silicone Lubricants

New white paper from the Avantor® NuSil™ brand provides in-depth guidance and tips to help medical device designers select the appropriate lubricious solution for their applications

Center Valley, PA (USA) – May 16, 2018 – Avantor® recently published an informative new white paper from its NuSil™ brand to help medical device manufacturers evaluate and select the right type of lubricious solution for their applications.

“Medical-Grade Silicone Lubricants for Medical Devices” provides an overview of relevant considerations when selecting biocompatible silicone lubricants, from lubricant properties and device substrates, to criteria in purity and customization. It also includes a selection guide to help readers choose an appropriate lubricant based on application requirements and limitations.

The NuSil™ white paper walks through the importance of understanding the interactions of different formulations with different substrates in the manufacturing process, as well as overall performance benefits for various applications.

Information is also included about the nature of common substrates that need to be lubricated, such as silicone, metal, glass and plastic, as well as the reasons that materials and surfaces require different types of silicone lubricants. In addition, the topic of customization is covered, given the possible variations in premium silicone lubricant formulations and different application demands.

“Silicone chemistries can be modified to accommodate lubricity, substrate compatibility, performance characteristics and cure chemistries,” said Dr. Jim Lambert, Technology & Innovation Director, Biomaterials. “With the decision points involved in selecting and working with medical-grade silicone lubricants and formulators, this paper serves as a starting point to help device manufacturers select appropriate lubricants as well as a manufacturer that can meet their specifications, on a batch-to-batch level.”

Visit www.NuSil.com/siliconelubricants to download the free white paper or to learn more about NuSil™ brand silicone lubricious coatings and materials.

For information about Avantor, visit: www.AvantorInc.com or twitter.com/avantor_news or www.facebook.com/AvantorInc.

About Avantor

Avantor is a leading global provider of integrated, tailored solutions for the life sciences and advanced technology industries. Strengthened by the recent acquisition of VWR, the Company is a trusted end-to-end partner to customers and suppliers from discovery to delivery. With operations in more than 30 countries and a diverse portfolio that includes more than four million products, Avantor supports customer success through innovation, cGMP manufacturing and comprehensive service offerings. Collectively, we set science in motion to create a better world. For more information, visit www.settingscienceinmotion.com.

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