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Nye Lubeletter - July 2015

July 2, 2015

Technical Article

Dispensing Industrial Lubricants:

Guidelines From a Career Dispensing Technology Enthusiast

Dispensing lubricants is typically an easy task, as compared to the dispensing of other materials with a short “pot life” (such as thermosetting epoxy), but there are still many pitfalls to avoid. Most of the time, the amount of lubricant is not very critical, nor is the method of dispensing. How technicians apply the lubricant depends largely on the product design itself, such as whether the application being lubricated is a bearing or bushing, or electronics module, or medical device. It is important for a technician to consider how to do it “best” - most economically, most efficiently, etc. - considering the details of the product. This article, written by Robert Hoffman, Nye’s Western Region Engineering Manager, is an overview that covers many of the important features to consider when dispensing lubricants.



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Video Tutorial

Nye Launches its First “How To” Video



[/video-instructions-on-oil-separation](http://video-instructions-on-oil-separation)

The marketing team at Nye recently completed its first educational video for the new NyeTube channel. The video was created to demonstrate how you can mix separated oil back into the grease. When you open our grease pails you might see a thin layer of oil at the top of the grease and be concerned. Some oil separation commonly occurs in lubricants and is not a problem. The video gives instructions to guide you in easily mixing the separated oil back into the grease.

The new NyeTube channel will feature instructional and educational videos to help answer your frequently asked questions. Several of our departments will work together to produce future videos that keep you informed about our products and company.

[Watch Video >](#)[\(/video-instructions-on-oil-separation\)](/video-instructions-on-oil-separation)

Lubrication Tips

Lubricants as a Key Design Component

Ideally, lubricants should be selected and specified in conjunction with other design materials. In practice, however, lubricants are often added at the end of the design cycle. The result can be unexpected material incompatibility and premature failure. Taking time upfront to specify a lubricant and ensure its compatibility with other materials pays off in the long run.

[Read More >](#)[\(/lubricants-as-a-key-design-component\)](/lubricants-as-a-key-design-component)

Product Insight

Lubricating Exhaust Fan Bearing in FGD Systems

[\(/stuff/contentmgr/files/0/5f7f2a614bc1d28ae28b6406259e6a80/en/8190_overview.pdf\)](/stuff/contentmgr/files/0/5f7f2a614bc1d28ae28b6406259e6a80/en/8190_overview.pdf)

Since the Clean Air Act (CAA) in 1970, U.S. power utilities have made significant progress installing pollution control equipment to curb power plant stack emissions.

The CAA Amendments of 1990 heightened the urgency of installing a large number of Flue Gas Desulfurization (FGD) systems, or scrubbers, in a relative short period of time. As of 2005 with the passage of the Clean Air Interstate Rule (CAIR) along with plans for building new coal-fired stations, a steady number of new scrubbers have been planned for construction through 2030.

Nye Lubricants developed a high temperature and chemically inert oil, Uniflor™ 8190, for use in lubricating the blade pitch bearings of axial flow exhaust fan designs used in the FGD scrubbers installed at coal fired power plants.

[Read More >](#)[\(/lubricating-exhaust-fan-bearing-in-fgd-systems\)](/lubricating-exhaust-fan-bearing-in-fgd-systems)

Upcoming Events

Tradeshows

Nye Medical industry experts attended **MD&M East 2015**, June 9-11, at the Javits Convention Center in New York, NY. As we are now ISO 13485 Certified, we are looking forward to working closely with device design firms, contract manufacturers, and drug marketers to create products which help optimize performance, quality and cost, as well as patient compliance and safety.

Nye will also have representatives attending **SEMICON West 2015**, July 14-16, at the Moscone Center in San Francisco, CA. Come by

our booth to discuss our in-vacuum and clean room products.

Conferences

Jason Galary, Nye's Engineering Development and Applications Manager, presented "Investigation into the Dynamic Particle Generation of Lubricating Greases," a paper he co-authored with fellow Nye employee Gus Flaherty at the **NLGI** annual meeting in Coeur d'Alene, Idaho.

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