



[Menu](#)

Nye Lubeletter - February 2016

February 17, 2016

Video Production

Lubricant Testing 101 - Copper Corrosion

[\(/copper-corrosion-101\)](#)

A copper corrosion test, also known as ASTM method D-4048, is performed to ensure that a grease will protect the metal surfaces it comes in contact with over time. This test is often performed for automotive companies to determine how suitable a lubricant is for lubricating parts containing copper or copper alloys. This test is performed in order to avoid premature application failure from corrosion.



Nye released the Copper Corrosion video in the “Lubricant Testing 101” series. This video describes in detail the copper corrosion test. To learn how the test is performed on our lubricants, watch the video.

Watch Video >

[\(/copper-corrosion-101\)](#)

Product Insight

Calcium Sulfonate Makes its Debut at Nye



Rheotemp™ 662 is Nye’s first calcium sulfonate thickened product. This product is recommended for high load applications operating under extreme conditions. Rheotemp™ 662 is a high performance grease with premium physical properties, including excellent corrosion protection, water washout and spray off protection. It can be used in steel, mining and construction, marine, food processing, automotive, rail and power gen applications.

Read More >

[\(/calcium-sulfonate-makes-its-debut-at-nye-1\)](#)

Research & Development

All About Additives – The Role of Antioxidants

In a past Lubeletter, we discussed how additives improve performance in our grease. In this article, and future articles to come, we will dive into the advantages of each additive package in our series “All About Additives.” This article will feature the role antioxidants play in improving our lubricants, showcasing how antioxidants prolong the life of a lubricant, and how Nye tests the efficiency of an antioxidant additive package.



[Read More >](#)

[\(/the-role-of-antioxidants-in-specialty-grease\)](#)

Product Insight

Working with electrical connectors? We have a grease for you!



We are pleased to announce that we have formulated and commercialized Rheotemp™ 768G for use in connector applications. Rheotemp™ 768G is a polyurea thickened, medium viscosity, synthetic hydrocarbon grease for use in electrical contacts. A unique blend of alkylated naphthalene (AN) and PAO base oils boosts the lubricants' heat tolerance while maintaining its superior wear protection. The blended oils are also compatible

with most connector materials.

[Read More >](#)

[\(/commercialization-of-electrical-contact-grease\)](#)

Quality

Update to Nye's Shelf Life Policy

Nye's [shelf life policy](#)

[\(/stuff/contentmgr/files/0/34740a39d39b2f94f6bc00ab16458a7a/files/shelf_life_policy.pdf\)](#) indicates the length of time that our lubricants can be stored and remain at the highest quality level. As a standard practice, our material will maintain its integrity for four years from the date of shipment. In specific cases, where material does expire in less than four years, it will be called out on the Certificate of Analysis.

In some chemistries, oil will puddle on top of grease in pails or drums. A minor folding process may be required to “fold” the oil back into the grease. The separation of oil from grease is a natural phenomenon and does not affect the shelf life of the material. This process is simple, and for your convenience, we have created a video that details how to mix the oil back into the grease properly. To watch this video, [click here \(/oil-separation-in-grease\)](#).

Upcoming Events

ELGI Annual General Meeting

April 16 - 19, 2016 - Venice, Italy

Representatives will attend the 28th ELGI Annual General Meeting in Venice, Italy, to discuss sustainability in the grease industry.

Electric Power Expo 2016

April 18 - 21, 2016 - New Orleans, LA

Join our experts in synthetic lubricants for power generation equipment, at the Morial Convention Center in New Orleans, LA.

[top](#)

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Ph: +1.508.996.6721 Fx: +1.508.997.5285

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