

# Since 1844 Nye® LubeLetter

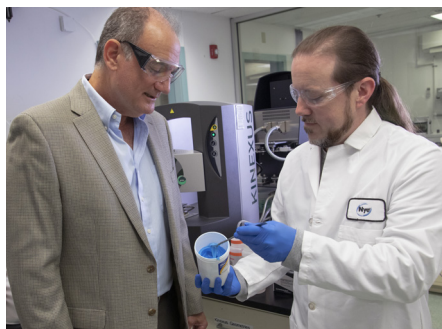
August 2021



## Lubrication



## Collaboration



## Innovation





## Total Corrugator Plant Lubrication Service

Nye Lubricants, a member of the FUCHS Group and a leading supplier of corrugator greases, will be working with FUCHS Lubricants Co. to provide corrugator manufacturers with all the lubrication solutions their plant needs from a single source.



The Total Corrugator Plant Lubrication service (TCPL) includes a hands-on consultative service from our corrugator experts that work with your plant maintenance team to develop a customized service and lubrication package that best meets your needs. With our comprehensive approach and high-quality lubricants, TCPL helps you cut costs, maximize uptime, and improve plant efficiency.

### FUCHS and Nye provide high quality lubricants for every application within your plant, including:

- Single-Facers
- Pre-Heater Rolls
- Paper Roll Stands
- Splicers
- Glue Machines
- Double Backers
- Rotary Shears
- Slitter-Scorers
- High-Speed Cutoff Knives
- Motors
- Forklifts
- Automatic Stacker

### What Do You Get with TCPL?

#### Plant Audit

As lubrication experts, we work with you to evaluate your current lubrication and maintenance procedures to identify the products and services your plant needs to reduce costs and improve operational efficiency.



### Customized Product Recommendations

Every corrugator plant is different. After reviewing your Plant Audit, our team develops a custom lubrication and service package tailored to your needs and operating conditions. This helps ensure each machine is lubricated with the right oil or grease at the right time. Wherever possible, we will eliminate redundancies and reduce the number of different lubricants your plant needs to improve purchasing and maintenance efficiency.

FUCHS offers a variety of lubricant services including oil analysis as well as temperature and vibrational monitoring. These services provide you with a health check of your production equipment and early wear indication to help you identify when you should schedule required maintenance to avoid unplanned machine downtime.

### One Stop Shop

Time is money. Purchasing all your lubricants from one source simplifies your ordering process and makes it easier to manage inventory and minimize stock levels.

### Smooth Transition

Our engineers will work with your maintenance team to make sure all our products are compatible with your old lubricants and that they are applied properly in the right location.

### Unparalleled Customer Service

Once you determine which lubrication package is right for you, rest assured that our engineers will continue to provide you with the support you need and are always available to answer any questions you may have.



Member of the  
FUCHS Group

### Schedule a Consultation Today

[Contact us](#) today to schedule a free consultation.

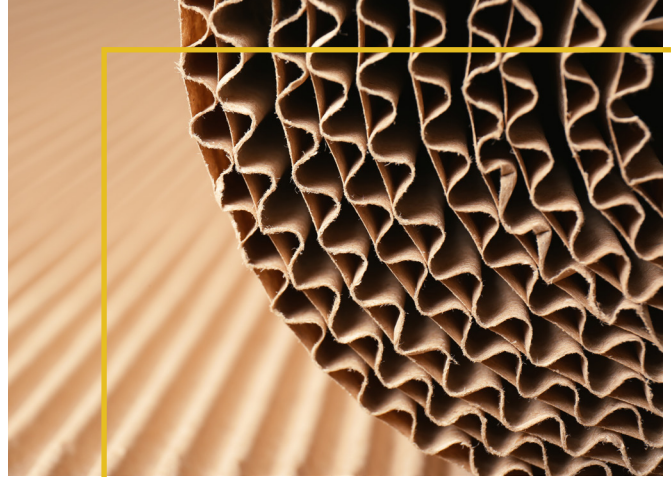
- Improve uptime
- Reduce maintenance
- Extend component life
- Reduce Cost
- Improve supply management



## NyeCorr® 140

NyeCorr® 140 Corrugator Grease is a PFPE (perfluoropolyether), synthetic bearing grease formulated specifically for the maintenance of single-facer, pressure roll and pre-heater bearings in the corrugating industry. For nearly 25 years, hundreds of corrugating plants worldwide have chosen NyeCorr® 140 and realized significant cost savings by:

- Extending operating life of bearings
- Reducing maintenance costs
- Increased output & profitability



### Benefits of Lubricating Single-Facers with NyeCorr® 140

Compared to other PFPE lubricants, NyeCorr's higher viscosity base oil provides more load carrying capability and is better equipped to withstand the operating temperatures of the single facer application and can:

- Resist harsh chemicals & solvents
- Withstand high temperatures up to 250°C
- Protect against rust
- Prevent corrosion
- Increase load-carrying capability
- Resist long-term contact with steam/water

### NSF H-1 Registered #145503

NyeCorr® 140 is recommended for use in corrugator applications, like those involved in manufacturing food packaging, that require NSF-H1 approval for incidental food contact. The NSF program provides a proven process for determining product acceptability and compliments NSF food processing equipment certification and food safety evaluations.

### PFOA-Compliant

To comply with new and emerging environmental regulations, Nye has investigated PFOA (perfluoro-octanoic acid) levels in all PTFEs (polytetrafluoroethylene) and PFPEs currently used in our product formulations, as a thickener, additive or oil for greases. NyeCorr® 140 is compliant with these regulations.

### Make The Switch

Because NyeCorr® 140 is compatible with leading PFPE corrugator greases, it can easily replace and be applied on top of your existing lubricant for a simple and smooth transition from your current PFPE grease to NyeCorr® 140.

### Total Corrugator Plant Lubrication Service

Nye Lubricants, a member of the FUCHS Group and a leading supplier of corrugator greases, will be working with FUCHS Lubricants Co. to provide corrugator manufacturers with all the lubrication solutions their plant needs from a single source. The Total Corrugator Plant Lubrication service (TCPL) includes a hands-on consultative service from corrugator experts that work with your plant maintenance team to develop a customized service and lubrication package that best meets your needs. Learn more about the Nye and FUCHS TCPL service.

Want to learn more or request a sample? [Contact Us.](#)



## Case Study: Competitive Lubricant Pricing for Corrugator Bearings

### Background

Corrugating and pressure roll bearings operate at high loads and temperatures which exposes the bearings to increased wear. An American corrugating company that supplies paper and packaging solutions approached Nye because they were exploring new grease options to use within their corrugating roll and pressure roll bearings to prevent wear.

### Challenge

- Nye’s lubricant must protect bearings at a lower price than competitor lubricants.

### Soultion

#### NyeCorr® 140

*A PTFE thickened, heavy viscosity, completely fluorinated, PFPE grease.*

- Perfect for severe service bearings
- Excellent high temperature performance of up to 250°C
- NSF H1 food grade registered for incidental food contact
- Resists common solvents
- Rust-inhibited



Product	Chemistry	Temperture Range	Oil Separation (24 h @ 100 °C)	Evaporation (24 h @ 100 °C)
NyeCorr® 140	PFPE/PTFE	-20 to 250 °C	4.1%	0%

### Results

The customer decided to switch to NyeCorr® 140 as the primary grease for their corrugating roll and pressure roll bearings. This PFOA-free grease offered the company substantial cost savings without experiencing any drop offs in performance or lubricant service intervals.





## Meet Nye - Dewayne Massie

Meet Dewayne Massie, Nye's Corrugator Industry Manager. Dewayne has been helping corrugator manufacturers save money and reduce downtime for almost 15 years with NyeCorr® 140 Corrugator Grease. Since Nye became a member of the FUCHS Group, Dewayne has been working closely with our colleagues at FUCHS to expand the products and services we offer the corrugator industry. In this month's interview, we asked Dewayne a few questions about Nye's new projects in the corrugator industry:



**Dewayne Massie**  
Corrugator Industry Manager

### ◆ What is the Total Corrugator Plant Lubrication Service offered by FUCHS in collaboration with Nye Lubricants?

The Total Corrugator Plant Lubrication (TCPL) service came about as Nye sought out ways to offer lubricants and services to the Corrugator industry outside of the wet-end grease we currently supply. When Nye became a member of the FUCHS Group in 2020, FUCHS' diverse product and service portfolio broadened what we could offer our customers. TCPL is a hands-on consultative service where corrugator lubrication experts from Nye and FUCHS work with your plant's maintenance team to develop a customized service and lubrication package that best meets your needs. The TCPL aims to offer greases and oils for every single point in the plant that needs lubrication, as well as related services to ensure efficient operations.

### ◆ Aside from quality lubricants, how does TCPL improve plant efficiency?

Because of the highly competitive business environment corrugator plants operate within, they are extremely focused on maximizing uptimes and minimizing waste while operating safely. Often when we conduct a plant audit as part of our TCPL service, we see a lot of opportunities for cost savings, waste reduction and simplifying maintenance related to the lubrication plan of a typical corrugator plant. After the audit, we are often able to reduce the number of different lubricants that will be used in the plant. By managing and ordering fewer lubricants from a single supplier, maintaining inventory becomes more efficient and the risk of using the wrong lubricant in the wrong machine is greatly reduced.

◆ **How does NyeCorr® 140 Corrugator Grease help customers cut costs?**

NyeCorr®140 is considerably less expensive than similar PFPE corrugator greases offered by other suppliers, and it works just as well. This grease also provides advanced protection and friction and wear which reduces maintenance and downtime costs.

◆ **What is your favorite part about working at Nye?**

My favorite part about working at Nye is the people I work with and the relationships with the people in the corrugating industry that I have developed over the last 30 years. My customers have allowed me to travel around the world. The support from my colleagues at Nye that has been a big part of my life. I wouldn't trade my time here for anything.



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more updates  
next month!**

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