

New Grease for Preheaters/Preconditioners Extends Lube Intervals

Nye Lubricants, Inc., announced on October 1 the availability of NyeCorr 346, a new custom-formulated synthetic grease that outperforms petroleum and synthetic hydrocarbon greases commonly used in large preheater and preconditioner bearings.

Nye's introduction of its new high-temp grease, the second grease it has formulated specifically for the paperboard industry, is the culmination of an 18-month product development effort at the Company's Massachusetts laboratory. Nye decided to introduce NyeCorr 346 at the TAPPI and AICC shows in October after a successful eight-month test of the new grease at the Stone Container Corporation corrugated container plant in Santa Fe Springs, California.

Chuck Downing, the maintenance manager at the Santa Fe Springs plant, agreed to test NyeCorr 346 in his preheater and preconditioner drum bearings

"We were looking for a lube that would give us at least a two-week lube time — with no cooking of grease and build up of carbon," Chuck said. "We had a drip lube system and with the new environmental regulations you have to get away from that. So, we had tried a lot of greases that ended up burning up, carbonizing in bearings, and seizing up. That's why I was looking for something else to try."

At different time intervals throughout the eight-month test, ranging from three days to three weeks, Chuck collected samples of the used NyeCorr 346 from the preheater and preconditioner bearings and sent the samples to Nye. Nye's engineers analyzed

the samples, used the data to refine the formula for the grease, and sent back the test results and new batches for additional production testing.

"We took the latest batch to three weeks (for the lube interval), and it was still satisfactory," Chuck said. "Then, we dropped back to two weeks and settled there. So far, we have had no bearing failures, which we did have previously with standard greases. That alone has meant a great deal of savings for us — as well as getting rid of an environmental problem."

In addition to production testing at Stone Container, laboratory tests pitted NyeCorr 346, a synthetic ester based grease with proprietary antioxidants and antiwear additives, against a leading synthetic hydrocarbon grease that is commonly used in preheater and preconditioner bearings. After 168 hours at 392° F, 20% of the synthetic hydrocarbon grease had evaporated compared to only 10% of the NyeCorr 346. It was also shown that NyeCorr 346 remains stable at temperatures 25 degrees higher than the synthetic hydrocarbon grease. Both attributes are critical to extending lube intervals in high temperature environments.

"My recommendation would be to replace standard lubes in preheaters and preconditioners with NyeCorr 346," Chuck said.

"You're able to run a bearing without the cooking process and build up in the bearing . . . and you can run two weeks or more and still have a bearing you can clean up fairly easily."

NyeCorr 346 joins NyeCorr 140, the high-temp PFPE/PTFE grease that Nye developed specifically for heated roll bearings in singlefacers. NyeCorr 140 was introduced in November 1996 — along with Nye's commitment to develop a family of products for the paperboard industry. Interestingly, plans are underway to test NyeCorr 346 in heated roll bearings in singlefacers.

"NyeCorr 346 is going to make life a lot easier for maintenance managers," said Nye corrugating industry director John Graham. "It's another high quality, affordable product that shows Nye is serious about playing an important role in the corrugating industry."

NyeCorr 346, now available through Nye, its distributors, and representatives at \$14.95/lb., is packaged in 16 oz. cartridges and 35-lb. pails.



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**Chuck Downing, Maintenance Manager
Stone Container Corporation
Santa Fe Springs, CA**

Singlefacers Manufacturer Endorses NyeCorr 140

MHI Corrugating Machinery Company endorsed NyeCorr 140, Nye's high temp, PFPE/PTFE grease for heated roll bearings, for use in their singlefacers.

At customer request, some new MHI singlefacers are shipped from the MHI factory in Japan already lubricated with NyeCorr 140. Further, more than 50% of the plants that now use MHI's newest singlefacer, the Paser™ Model 60G, have

replaced the factory-installed grease with NyeCorr 140. It has also been reported that some MHI customers have requested NyeCorr 140 for the Model 50 Series singlefacers that have been rebuilt at MHI's Hunt Valley, Maryland, plant.

For more information about the MHI endorsement, call MHI at (410) 548-7990. Or contact Nye corrugating industry director John Graham at (609) 384-0150.

Reps Added to Serve Corrugating Industry

Nye recently added four new representatives to promote its products and enhance its service to paperboard manufacturers in North and South America.

Dan Culp, a 25-year veteran in industrial sales, is calling on customers and prospective customers in Arizona, California, Oregon, and Washington. Dan can be reached at (626) 578-1226.

"The reception has been very good," Dan reported. "Frankly, the toughest part of the job is getting in to see maintenance managers, who have very busy schedules. But once we get the information to them, it's easy to show them that we simply have a better product for a better price."

Hack Bartley of Bartley and Associates, who brings an in-depth knowledge of the corrugating industry to Nye, became Nye's Southeast representative in early March. In addition to 15 years as a production manager in the textiles industry, Hack represented National Starch and Chemical Company for eight years, selling starch, resins, and adhesives to corrugating plants. With Nye, he will serve companies in the Carolinas, East Tennessee, and Virginia. Hack Bartley can be reached at (864) 943-4314.

Corrugators in Brazil, which boasts the largest number of corrugating plants in

South America, can now contact Carlos Alberto Pereira at CAPMA Ltda., at 11-55-11-7396-1952. Carlos is a well known vendor in the Brazilian corrugating industry. For companies in other South and Latin American countries, inquiries can be made through MPC, Inc., a Sarasota, Florida-based company that plans to identify representatives in Argentina, Chile, and Mexico in the near future. MPC Inc's phone number is (941) 925-3044.

"We continue to train the Company's European representatives about the lubrication needs in the paperboard plants," said Nye corrugating industry director John Graham. "We are also in the process of partnering with new representatives in Texas and Illinois. As we continue to expand our presence in this industry, we will continue to expand our regional service network as well."

Important Nod From BHS

In latebreaking news, BHS Corrugated North America approved the use of NyeCorr 140 in the heated roll bearings in their singlefacers and preheaters. The nod in favor of Nye's high-temp PTFE/PFPE grease was given by BHS vice president of sales and marketing Chris Krumm.

NyeCorr 140 in Paris



An AICC welcome. At a reception at the Intercontinental Hotel in Paris, the Nye contingent received a warm welcome from Steve Young, executive vice president of the Association of Independent Corrugated Converters. Nye recently joined the AICC. Pictured are Nye national sales manager Brian Holley, Steve Young, his guest Carol Strickfaden, Nye corrugating industry director John Graham, and Brian's wife, Monica.



Quiet pre-show moment. At Corrugated '98 in Paris last June, nearly 200 guests were introduced to NyeCorr 140, Nye's high temp PFPE/PTFE grease for heated roll bearings in singlefacers. Despite the busy show schedule, Nye corrugating industry director John Graham, Nye national sales manager Brian Holley, and Pierre Mokry of Inland Europe, Nye's distributor in France and Belgium, found time to capture a photo memory of Nye's exhibit in the City of Light.



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