

The World Leader in Synthetic Lubricants



SPECIALTY

PACKAGING



Sometimes you want more than a high performance lubricant. You want it in special packages that make dispensing oils and greases easy in the plant or in the field. Nye Lubricants can help.

Nye's specialty packaging services deliver custom-designed lubricants in ready-to-use dispensers. We recommend the container that's best for your application. We ensure container materials are compatible with the lubricant you select. When our standard containers don't meet your needs, we offer custom packaging design services. With Nye, you get the synthetic lubricant that's best for your application – in containers that make it easy to apply.

Nye's specialty packaging services go one step further.

We design, package, and assemble custom lubricant kits for your field service technicians.

We offer private labeling services, so you can distribute factory-authorized lubricants for product maintenance or field conversions. And we specialize in fulfilling smaller orders – well below minimum quantities required by bulk re-packagers – to ensure you get only what you need.

For a current list of our standard containers or to discuss a packaging project, call Nye today at 508•996•6721. You'll find a team of lubrication specialists dedicated to quality, flexibility, service – and specialty packaging that makes dispensing lubricants easier.

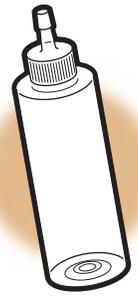
DISPENSING LUBRICANTS IS EASIER WITH NYE.



OIL DISPENSERS



Dispenser-tip Vials and Small Bottles provide an economical way to apply small amounts of synthetic oil. Standard sizes range from 3 cc polyethylene vials for single drop applications, to 4 oz. PVC bottles whose dispenser tips are cut in the field to the desired orifice size. Other standard dispenser tips include a 1/4 in. long tip with 0.5 mm orifice, popular for lubricating small gear trains and edge card connectors; and a 3/8 in. long pop-up tip with a 1 mm orifice for more viscous oils. These vials and small bottles are often private-labeled and included in field service kits or sold by a manufacturer for product maintenance by the end-user.



Precision Oilers dispense small amounts of oil into tight spaces. Using narrow gauge needles to control the amount of oil applied, they help impede drippage and oil sling that can adversely affect nearby components. Service technicians use these precision oilers to lubricate tiny gears in ATM and bank printers to ensure there is no sling-off contamination of nearby print-heads. Standard "hypo" oilers are available in 1 oz. and 2 oz. polyethylene bottles. Each has a 20 gauge, 1.5 in. long dispensing needle and a replaceable friction-lock cap.

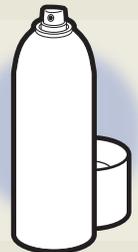


SQUEEZE SPRAY

SPRAY-ON APPLICATORS



Aerosol Cans provide an easy way to apply oil solutions, grease dispersions, and dry film lubricants. After spraying, the solvent evaporates and a thin coating of lubricant remains. Handy tools for plant maintenance, aerosol cans also enable service technicians to take production-line lubricant dispersions into the field.



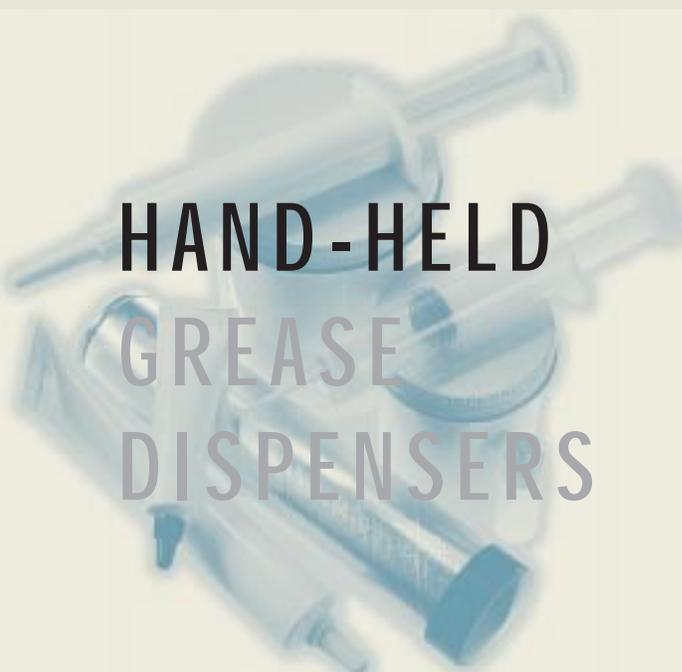
Pump Sprayers are an economical alternative to aerosol cans, especially when only a few hundred to a few thousand units are required. There are two styles: hand-pressurized, "pump-up" bottles and trigger-style misters. Orifice sizes can be tailored to specific applications. Because contents are not under pressure, disposal and shipping precautions are mitigated.



Shop-air Containers rely on factory compressed air for production-line dispensing of lubricant dispersions. Commonly used to apply lubricants to electrical contacts, they are available in rugged, reusable metal containers with a variety of orifice sizes and extension tubes for difficult-to-reach application areas.



Note: Wide-spray and directed-spray nozzle styles are available for each type of Spray-On Applicator.



HAND-HELD GREASE DISPENSERS

Polypropylene Jars allow easy grease dispensing with spatulas or other hand-held instruments. Economical and available in 1, 2, 8, and 16 oz. sizes.

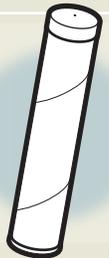
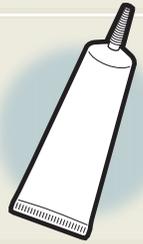
Pipettes, with re-sealable friction-lock caps, are frequently used for lubricating small O-rings, printed circuit boards, pin connectors, and other components requiring small amounts of specialty greases. One milliliter, re-sealable pipettes are available with different cap colors to easily distinguish greases in field service kits.

Polyethylene Squeeze Tubes, widely used for connector lubricants in automobile dealerships, provide a convenient way to re-lubricate or upgrade parts in the field with factory-specified lubricants. Standard sizes range from 1/4 oz. to 4 oz.

Plastic Syringes enable precision grease dispensing in the field. The 10 cc and 30 cc cylinders, which have a one-inch long plastic needle molded into the cylinder, are used for repair of cellular telephones, re-lubrication of automobile seat-belt tracks, and other applications that require specialty greases in tight spaces. The 1 cc and 3 cc cylinders, which have short blunt tips molded into the cylinder, offer significantly more control than pipettes and blister packs.

Aluminum Foil Blister packs are often incorporated into field service kits or sold with a product for maintenance by the end user. These economical one and two gram disposable packs are designed for single-use applications. Private labeling is available.

Fiberboard or Plastic Grease-gun Cartridges offer an economical way to store grease for maintenance of larger devices. Bearings and gears in laminators and corrugating machinery are two of the many applications that rely on the standard 14.5 ounce cartridge. A three-ounce mini-cartridge is also available.



APPLICATOR CAP BOTTLES

Applicator-cap Glass Bottles offer a convenient method for touch-up or for applying a small amount of lubricant dispersion. Brush-caps, felt-tip caps, and swabs are among the more popular styles.



APPLICATOR CAP BOTTLES



AUTOMATED GREASE DISPENSING

Semco® Plastic Cartridges and EFD Syringes are used with automated and semi-automated production-line dispensing equipment. They are widely used among OEMs in the automotive, appliance, and computer industries for precision dispensing of milligram quantities of grease. Nye offers these cartridges and syringes pre-filled with the synthetic grease you need.

Ordering pre-filled cartridges and syringes from Nye offers two advantages. First, it eliminates the tedious task of filling these containers by hand in the factory. Second, it minimizes production problems associated with entrained air. The manufacture of grease entrains air in the product. For customers using automated dispensing equipment, the proper amount of grease may not be applied when a cartridge or syringe contains air. As a result, a part may have to be cleaned and relubricated manually, a labor intensive process that slows production. All Nye's pre-filled cartridges and syringes are vacuum-centrifuged to eliminate entrained air and minimize this production-line problem.

Nye also works closely with leading automated dispensing machinery suppliers to ensure cartridges and syringes that we supply adapt to our customers' dispensing equipment.



DISPENSE



LUBRICANT KITS

Nye manufactures several standard lubricant kits for engineering laboratory, general plant maintenance, and workbench applications. In addition, we work with customers to develop and package specialized kits containing lubricants, applicators, cleaning solutions, and application instructions for use by field service technicians. Private labeling is standard for specialized lubricant kits.



PRIVATE LABELING

All Nye lubricants are available for private-label packaging. Worldwide, OEMs in the automotive, computer, electronic, power tool, and recreational equipment industries rely on Nye's private label services to deliver lubricants to their customers, distributors, dealerships, and field service technicians. Label art design and printing is available on request.



CUSTOM DISPENSER DESIGN

When our standard small containers don't meet your dispensing requirements, Nye will work with you to custom design a dispenser for your application.

For a current list of our standard containers or to discuss a packaging project, call us at 508-996-6721.

