



Exceptional Quality Assurance Exceptional Service Exceptional Cost Efficiency Exceptional Quality Assurance



**Your Company
Deserves the Best...**

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Cost-Efficient Manufacturing

Northern Labs has the focus, production volume and resources to deliver highly cost-efficient manufacturing for your liquid filling needs.

Strong Focus — Northern Labs focuses its technology, equipment and production support on being a leading liquid-products contract manufacturer. We produce a wide range of consumer and institutional liquid, paste and lotion products from OTC Personal Care to Automotive and Household products. We are equipped to handle nearly every liquid-product manufacturing situation from drug products to low flash-point hazardous products.

Large Volume — Northern Labs is a large purchaser of raw materials and components for liquid products, and we use that purchasing leverage to deliver the lowest possible cost to our customers. We maintain inside and outside bulk chemical storage capabilities, and with over 150,000 square feet of component and finished goods warehousing available, Northern Labs is capable of handling projects of all sizes.

Substantial Resources — Local, high-quality suppliers of such materials as chemicals, cartons and labels keep product costs low. Highly flexible production lines capable of handling unique or high-speed projects deliver the perfect production setting for any type of liquid fill need. Northern Labs' Midwestern location in a low-cost industrial community offers high-quality production at competitive costs.

Highest Overall Value Most Cost-Efficient Program Highest Overall Value Most Cost-Efficient Program





Stringent Quality Assurance

Northern Labs guarantees consistently high-quality production for its customers by adhering to strict quality standards for its suppliers and its operation.

Strong Incoming Inspection — Northern Labs maintains a strict incoming raw material and component inspection program prior to releasing materials for production.

Complete Production and Quality Assurance Program — Complete quality checks by Production and Quality Assurance occur at key blending, filling and finished-goods locations. All products are filled under Statistical Process Control. A state-of-the-art laboratory backs up the Quality Assurance staff with complete wet chemical testing and microbiological testing capabilities.

Solid Procedural Conformance — Northern Labs operates in strict conformance with cGMPs, FDA/EPA regulations and ISO 9001:2008 standards. In addition to regulatory conformance, Northern Labs is an environmentally conscious company.

Customer Satisfaction Peace of Mind Trust Dependability Customer Satisfaction Peace of Mind Trust Dependability





Exceptional Customer Service

Northern Labs realizes that contract manufacturing is a customer service business.

Customer Focus — Northern Labs organizes itself as an extension of our customers' business. Individual planners for each customer centralize communication flow and react to customer orders and priorities.

Turnkey Solutions — With a broad base of resources, Northern Labs offers its customers complete services from Planning, Purchasing, Manufacturing through to Distribution. We make our customers' production requirements simple.

Rapid Response Time — High flexibility throughout Northern Labs' organization makes us responsive to rapidly changing customer needs. As a result, we excel in on-time shipments.

Reliable Courteous Knowledgeable Flexible Expedient Reliable Courteous Knowledgeable Flexible Expedient



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Personnel and Procedures — Northern Labs has a complete staff of trained Quality Assurance Chemists and Technicians. The staff maintains FDA-GMP and ISO 9001 level quality check procedures on all incoming raw materials and components. Additional checks are conducted on intermediate process blends, finished batches or blends and finished goods.

- Certificates of Analysis are required from all vendors for raw materials purchased by Northern Labs.
- Technicians are fully trained in Statistical Process Control, and they support Manufacturing in monitoring product quality.
- Quality Assurance personnel are trained in the requirements of OTC drug cGMP and ISO 9001 including recordkeeping and handling.
- Northern Labs is an FDA and EPA approved manufacturing facility.

Equipment and Testing — Northern Labs maintains a complete laboratory testing facility. Standard lab tests of viscosity, pH, non-volatiles and acid/base titrations are routinely run as well as wet analysis. Northern Labs can conduct more specific types of testing using:

- Perkin Elmer Auto System XL Gas Chromatograph with FID, equipped with a Perkin Elmer TurboMatrix 40 Headspace Analyzer
- Mattson Fourier Transformer Infrared Spectrometer
- Perkin Elmer HPLC with UV/VIS Detector
- Mettler Karl Fischer Titrator
- Abbe Refractometer
- HACH Turbidimeter
- Mettler Auto Titrator
- Mettler Halogen Moisture Analyzer
- Perkin Elmer UV Spectrophotometer

In addition, Northern Labs conducts in-house microbiological testing on susceptible raw materials and finished products. Media is made in-house and allows for flexibility and quick turnaround in testing. Typical tests conducted include:

- Total Aerobic Microbial Count – USP
- Coliform Count
- Sterility Tests
- Yeast and Mold Count



Northern Labs can process and fill nearly all types of liquids, gels and pastes including low flash-point products. Northern Labs produces OTC drug products and EPA regulated products.

Home Care

- Laundry soap and cleaners
- Dishwashing detergents
- All-purpose cleaners
- Furniture polishes (non-aerosol)
- Bathroom cleaners
- Paste and liquid metal polishes
- Floor waxes and polishes
- Carpet cleaners
- Glass cleaners

Auto Care

- Car waxes and polishes
- Finish restorers
- Car washes
- Carpet and upholstery cleaners
- Protectants
- Wheel cleaners
- Tire dressings

Health and Beauty Care

- Shampoo and conditioners
- Hair styling gels
- Hair spray & spritz (non-aerosol)
- Liquid soaps
- Bath foams
- Hand and body lotions
- Facial lotion and crèmes
- Aftershave products
- Suntan products
- Shower soap/body washes
- Deodorant/antiperspirants
- Liniments/external analgesics
- Bulk chemicals for wipe towelettes

Industrial/Institutional

- All-purpose cleaners
- Floor waxes
- Degreasers
- Glass cleaners
- Disinfectants
- Bactericides/Virucides

Company Profile



Northern Labs was founded in 1946 as a manufacturer of cleaning products. The company grew by producing and selling high-quality personal care and household products at everyday low prices to its food, drug and mass merchandise customers.

Northern Labs' growing success attracted the attention of S. C. Johnson Wax, which acquired the company in 1971. Johnson Wax made many improvements in the company's operations, as well as adding the KIT Car Wax and Goddard's Metal and Furniture Polish product lines to the company's expanding cleaning products business.

Northern Labs was purchased from S. C. Johnson Wax in 1986 by company management. Under this management team, the company has grown significantly and has added a number of major consumer packaged goods companies as contract manufacturing customers.

Northern Labs specializes in working with larger manufacturers on products that are not well suited for high-speed, high-volume production. These products may have unique packaging or handling requirements, or they may require explosion-proof processing and filling. Northern Labs is ISO 9001 certified and produces drug products under FDA Good Manufacturing Practices.

Whatever a customer's specific product need may be, Northern Labs has built its contract manufacturing business on providing highly flexible manufacturing capabilities combined with excellent product quality and customer service. Northern Labs has also maintained the foundation of its success by providing its customers with exceptional value.