



LPS Laboratories

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SHELF-LIFE, WARRANTY and DATE OF MANUFACTURE

Dear LPS Customer:

Shelf-Life

LPS defines **shelf life** as the time period in which a chemical substance or blended preparation is chemically and physically stable. Halogenated solvents can become acidic with time and affect both packaging and surfaces they are used upon. Water-based preparations may spoil due to mold and bacterial growth after several years despite careful sanitization procedures during manufacture and the presence of anti-microbial agents in the product. After years of storage, high solids zinc-based coatings will form a solid “cake” of zinc powder that cannot be easily or uniformly re-dispersed by the user. These facts prevent us from categorizing certain items in our product offering as “having no shelf life.” However, the majority of our products are derived from synthetic materials and have virtually indefinite physical and chemical stability: they have no shelf life.

If stored indoors in an unopened condition between 0°C (32°F) and 54°C (130°F), the following items have no shelf life*:

A-151	Edge Liquid	LST	Tapmatic #2
All Purpose Anti-Seize	Edge Lube	LVC	Tapmatic Gold
Belt Dressing	EFX	Magnum	Tapmatic Natural
Cable Ease	Electro 140	Micro-X	Tapmatic TriCut
CFC Free	EM Citro Concentrate	Micro-X NU	ThermaPlex Food Lube Grease
CFC Free NU	EVR Clean Air Solvent	Nickel Anti-Seize	ThermaPlex Multi-Purpose Grease
Chain Lubricant Food Grade	F-104	QB Duster	ThermaPlex Hi-Temp Grease
Chain Mate	Food Grade Silicone	PF 141	ThermaPlex Hi-Load Grease
Copper Anti-Seize	Force 842	PF 400	ThermaPlex Aqua Grease
D'Ink	G-49 Degreaser	PF HP	ThermaPlex CS Moly Grease
D'Gel	HardCoat	PF Solvent	TKX
D'Gel FO	HDX II	Power Blast	TriFree
Di-Electric Grease	ISD	PreSolve	U-10 Brake Cleaner
Dry Film PTFE	KB-88	Procyon	White Lithium
Dry Film Silicone	LPS 1	Red & Redi	ZeroTri
Duct Sealant	LPS 2	Remove HP	
Edge Crème	LPS 3	T-91 Non Solvent Degreaser	

**Note: Aerosol containers are not considered “open” until they have been punctured or ruptured. Aerosol valves have spring mechanisms that keep the contents sealed from the environment, and the contents of the aerosol include an inert, non-reactive gas that minimizes the presence of oxygen. Once a non-aerosol container is opened (i.e., jerry can, drum, etc.), no degradation in product quality is expected under normal and customary use, but it is a good practice to consume contents within one year in order to minimize the possibility of oxidation and contamination (potential for foreign object damage).*

LPS Workplace Orange Pumice Hand Cleaner has a 2 year (24 month) shelf life.

For all other LPS items, a three year (36 month) shelf life exists.

*A **one year**-extension on shelf-life can be granted if a representative product sample from the field is provided for examination and the material is found to conform to all design requirements. Persons interested in obtaining shelf-life extensions must contact the LPS Technical Department prior to submitting material so that proper sampling methods are used.*

Warranty Policy

LPS defines **warranty period** as the length of time that an item will function as intended. This mainly applies to packaging – especially for the aerosol can. Over time, seals and gaskets that are part of an aerosol product may degrade (due to the presence of solvents and certain propellants) and slowly release propellant and even concentrate from within the container. For this reason many aerosols eventually become “unsprayable.” For the aerosol package of certain high strength solvents this is about three years.

LPS Laboratories warrants all its products to be free from defects in materials and workmanship under normal use and service for a period of three years (36 months) from the date of manufacture. No extensions to warranty shall be granted. Except as set forth above, LPS makes no warranty or representation of any kind, express or implied (including no warranty of merchantability or fitness for any particular purpose) with respect to its products. It is the responsibility of the buyer to fully evaluate product suitability for a specific application under actual use conditions.

Date of Manufacture

For your inventory control purposes, our date code (date of manufacture) for all non-sunscreen products will be a four digit code typically at the bottom of the aerosol can or stenciled on the bulk packaging. The first digit identifies the year in which the product was manufactured and the last three digits identify the day of the year. For instance, “7320” indicates that the product was manufactured on the 320th day of 2007. In most cases a product with that date code would be covered by our warranty until the 320th day of 2010.

In the case of aerosol products, additional information may appear from time to time. A designation of “A” or “X” after the four digit code indicates which aerosol line the product was packaged on and is used as an internal production reference only – it has no bearing on lot number identity, shelf-life, or warranty representations. Certificates of Conformance / Analysis will not reference the “A” or “X” designations as they are completely irrelevant.

For sunscreen and hand care products the following date code / lot number system applies:

The batch number consists of five digits (EX.70102). The first digit signifies the year in which the product is manufactured. The last digit of the current year will be used (EX. 2007 use 7 = 70102). The second digit and third digit signify the month in which the product is manufactured (EX. January use 01 = 70102). The fourth and fifth digits are assigned using consecutive numbers beginning at 01 at the start of each month and increasing by 01 with each batch manufactured during that month (EX. 70101, 70102, ETC).

The lot number consists of the following: The first five digits are the batch number that was issued by QC (see above). The next three digits are the Julian date. Example: 70102024. This is batch 70102 Packaged on Julian date 024 (January, 24).

"Certification" Policy

LPS maintains a database that allows us to generate Certificates of Conformance for nearly all products on demand. This feature is available on-line to our customers at our website www.lpslabs.com . Certificates of Conformance for LPS hand cleaner fluids are not "auto-generated." Please contact LPS directly for these documents. Processing time will usually be less than 1 day. For Certificates of Analysis, processing will take longer depending on the level of information required.