



FOOD PROCESSING MAINTENANCE SOLUTIONS

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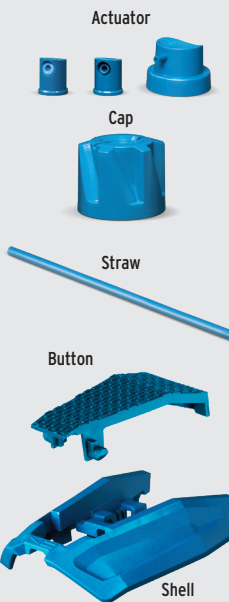
FOOD PROCESSING MAINTENANCE SOLUTIONS

Know compliance status at a glance with LPS® DETEX®! Designed specifically for food processing facilities, patented DETEX® metal and x-ray detectable plastic packaging reduces the risk of foreign matter contamination while supporting food safety and HACCP programs. The newly upgraded slip-resistant can features bright blue, lithographed labels that won't tear or smudge with NSF® ratings clearly marked across the top of the can - all visible from across the plant floor.

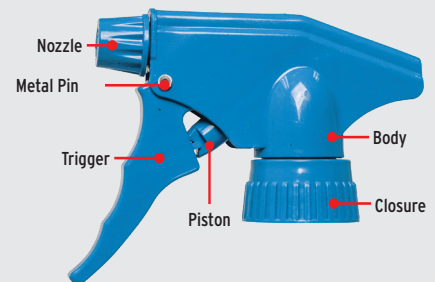
DETEX® AEROSOL COMPONENTS, CONTAINER CAPS, TRIGGER SPRAYER, SCOURING PAD

DETEX® technology helps reduce the risk of foreign object contamination that can result in contaminated product, facility downtime, delayed customer deliveries, and compromised brand reputation. Utilizing a unique patented formula, DETEX® plastic components are both metal & x-ray detectable. Their bright blue color also helps provide added visibility within the plant.

AEROSOL COMPONENTS



TRIGGER SPRAYER



CONTAINER CAPS



SCOURING PAD*



*Metal detectable only

FEATURES

- **Detectable:** Plastic components are both metal & X-ray detectable and are capable of detection by most detection equipment
- **Visible:** Blue color stands out from foods processed at facility
- **GRAS Listed:** All DETEX® plastic component ingredients are (Generally Recognized As Safe - FDA 21 C.F.R. Sections 177 and 178)
- **Aerosol Can Compliance:** With the Food Safety Net Services (FSNS).FDA 21 C.F.R.175.300, 1935/2004/EC
- **Effective:** Encapsulated abrasive particles uniformly coat pad fibers
- **Durable:** Scouring pad resin bonded nylon 6 - 6 fibers

BENEFITS

- Reduces the risk of foreign object contamination and expense
- Supports a facility's HACCP Food Safety Program
- Easily identifies items as a non-food object
- Helps visually identify foreign objects before end-of-line detection
- Meets FDA requirements as an acceptable material for use in food processing plants
- Aerosol can does not contain: Heavy metals, BADGE, BFDGE, NOGE, and Bisphenol-A (BPA)
- Scouring pad consistently cleans surfaces quickly and safely
- Scouring pad withstands harsh food processing environments and resists fraying



WHEN PREVENTION
IS NOT ENOUGH
DETECTION IS YOUR
BEST OPTION

**METAL
DETECTABLE**



**X-RAY
DETECTABLE**

**SEE IT IN
ACTION!**



**CATEGORY CODE
DEFINITIONS**

CATEGORY	CATEGORY CODE	INTENDED USE	DEFINITION
Lubricants	H1	General - Incidental Contact	Products labeled H1 and K6 can be used in food processing areas where incidental food contact can be tolerated. A common misconception in the food industry is that an NSF® H1 or K6 products ensure food product safety and integrity, when in fact H1 and K6 products are only safe for incidental food contact. HACCP programs will need to establish whether contact is incidental.
Solvent Cleaners	K6	Electronic Instrument Cleaner - Incidental Food Contact	
Food Processing Substances	3H	Release Agents	References release agents that can be used in contact with food within the limits set out in the relevant regulations, e.g. FDA 21 CFR 172:878 for white oils.



EARTHKOSHER

Products have been manufactured under the supervision of EarthKosher Kosher Certification Agency in accordance with Jewish dietary law.



AMERICAN HALAL FOUNDATION

Products have been manufactured under the supervision of the American Halal Foundation (AHF) in accordance with Islamic Law.



PREVENTION WITH DETECTION...



**WHO WOULD
YOU TRUST
WITH YOUR
FOOD?**

DETEX® technology helps reduce the risk of foreign object that contamination that can result in recalled product, facility downtime, delayed customer deliveries, and compromised brand reputation.
U.S. PATENT NO. 8,980,982 B2 & U.S. PATENT NO. 9,557,311 B2

REWARDS

GREATLY REDUCED RISKS OF PRODUCT CONTAMINATION:

- Reduce downtime
- Extend time between preventative maintenance
- Preserve company reputation
- Quickly identify potential contamination and mitigate waste
- Avoid costly food recall

COMPETITOR RISKS

GREATER POTENTIAL FOR FOOD CONTAMINATION:

BEST CASE

- Wasted product/scrap
- Wasted time money and effort to identify root cause

WORST CASE

- Tarnished company reputation due to recall
- Lost revenues
- Possible litigation



DESIGNED FOR SAFETY



- **PREPRINTED GREEN LABELING:**
Ensures maintenance employees use and store MRO chemicals in the proper locations
- **PROMINENTLY DISPLAYED NSF® CATEGORY LABELING:** Prevents use of non NSF® approved LPS® products in the food processing area
- **H1, 3H, K6 products approved for use during operation**
- **LITHOGRAPHED LABELS:**
Cannot tear and contaminate food
- **CONTOURED, SLIP-RESISTANT CAN:**
Contoured texture provides enhanced/firmer grip on the can during use
- **ASSEMBLED IN THE USA**
- **2 PIECE CAN:** Fewer areas for corrosion attack versus a 3 piece can

DETEX® METAL & X-RAY DETECTABLE PLASTIC COMPONENTS

- **ACTUATOR (BUTTON):** Industrial sized spray button provides ease of use
- **ACTUATOR (SHELL):** Ability to lock the spray nozzle to prevent unintended spray
- **INTEGRATED DUAL APPLICATION FLIP STRAW DOES NOT DETACH.**
TWO OPTIONS FOR PRODUCT DELIVERY:

STRAW DOWN POSITION - BROAD STROKE APPLICATION



STRAW UP POSITION - PRECISION APPLICATION



COMPETITOR AEROSOL
PLASTIC CONTAMINANTS: Once broken, plastic packaging that contaminates food is nearly impossible to detect

LUBRICANTS/PENETRANTS



*Extends
Chain Life*



*Keeps Chutes and
Slides Functional*



*Removes
Sugar-Based
Soils*

**SEE IT IN
ACTION!**



NSF H1

FOOD GRADE Silicone Lubricant

- Anti-stick agent for chutes and slides keeps packages moving
- Dry film will not attract dust or dirt
- Safe on all metals, plastics, and rubber parts
- Colorless formula will not stain packaging material or equipment



Part #	Net Contents	Container Type	Units/Case	NSF® #
01716	10 wt oz/284 g	Aerosol	12	113815

HEAVY DUTY Silicone Lubricant

- Eliminates sticking, binding, and squeaking
- Safe on most surfaces, including rubber and plastics
- Odorless formula reduces potential transference to foods
- Colorless lubricant will not stain production equipment



Part #	Net Contents	Container Type	Units/Case	NSF® #
51516	13 wt oz/369 g	Aerosol	12	059820

FOODLUBE® Synthetic Chain Spray

- Fully synthetic formula extends chain life, protecting vital assets and lowering maintenance costs
- Long-lasting lubricant with exceptional load carrying properties protects rollers, links, pins, etc.
- Water displacing, strong-bonding film with excellent water washout resistance and corrosion protection
- Powerful foaming action penetrates internal components of chains, bushings, and pins



Part #	Net Contents	Container Type	Units/Case	NSF® #
57616	11 wt oz/312 g	Aerosol	12	147490

FOODLUBE® Penetrating Oil

- Penetrates rust, scale, grease, dirt, and grime to quickly release frozen parts, reducing downtime associated with equipment disassembly
- Fully synthetic formula displaces water to prevent corrosive attack
- Leaves a protective film to prevent corrosion short-term



Part #	Net Contents	Container Type	Units/Case	NSF® #
57316	11 wt oz/312 g	Aerosol	12	147493

TECHNICAL LUBRICANTS/PENETRANTS PROPERTIES

			FOOD GRADE Silicone Lubricant	HEAVY DUTY Silicone Lubricant	FOODLUBE® Synthetic Chain Spray	FOODLUBE® Penetrating Oil	FOODLUBE® Sugar Dissolving Fluid	FOOD GRADE Moisture Displacing Spray	FOOD GRADE Machine Oil	FOOD GRADE Chain Lubricant
TYPE OF LUBRICANT	NON-SILICONE BASED							■		
	SILICONE-BASED		■	■						
	WATER-BASED						■			
	PETROLEUM					■			■	■
	SYNTHETIC				■					
VOC STATUS	OZONE TRANSPORT COMMISSION (OTC)	DC, IL, IN, MA, ME, NJ, PA, & VA	Manufacturing Use Only	■	Not Regulated	■	■	■	■	Not Regulated
		CO, CT, DE, MD, MI, NY, OH, RI, NH, & UT								
	CALIFORNIA AIR RESOURCES BOARD (CARB)			■	■	■	■	■	■	■
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) FLAMMABILITY RATING	4									
	3									
	2		■	■		■	■		■	■
	1				■			■		
CORROSION PROTECTION LONGEVITY (Months Indoors)	4				Not Applicable			Not Applicable		
	3									
	2									
	1		■	■		■	■			

FOODLUBE® Sugar Dissolving Fluid

- Effectively removes sugar-based soils to keep food and beverage production equipment fully operational
- Release agent eases future cleaning of sticky soils
- Provides short-term corrosion protection on exposed metal surfaces

Part #	Net Contents	Container Type	Units/Case	NSF® #
57716	15 wt oz/425 g	Aerosol	12	147495
57728	28 fl oz/828 mL	Trigger	12	147492
57701	1 gal/3.78 L	Bottle	4	147492



FOOD GRADE Moisture Displacing Spray

- Multi-purpose, long-lasting formula penetrates, lubricates, displaces water, and protects against corrosion
- Non-toxic, food grade lubricant leaves a thin film to reduce wear on precision components
- Engineered to withstand low temperatures for applications such as coolers and freezers

Part #	Net Contents	Container Type	Units/Case	NSF® #
53016	11 wt oz/312 g	Aerosol	12	166355



FOOD GRADE Machine Oil

- Versatile lubricant eliminates sticking, binding, and squeaking
- Oily film penetrates to loosen frozen nuts and bolts
- Colorless formula will not stain product or equipment
- Safe on all metal surfaces

Part #	Net Contents	Container Type	Units/Case	NSF® #
01316	11 wt oz/312 g	Aerosol	12	129000



FOOD GRADE Chain Lubricant

- Oily film lubricates deep into chains, bushings, and pins to extend chain life, minimizing expensive downtime
- Water resistant formula won't sling-off, stays on chain surfaces
- Foaming action increases contact time for better penetration of internal chain components
- Provides up to 4 months indoor corrosion protection

Part #	Net Contents	Container Type	Units/Case	NSF® #
06016	12 wt oz/340 g	Aerosol	12	132899



NSF **H1**



FOODLUBE® Bearing Grease

- Versatile grease engineered for the lubrication of ball, roller, and other bearings
- NLGI #2 grease effectively lubricates bearing while providing excellent corrosion protection
- Withstands frequent washdowns, extending maintenance cycles and reducing downtime



Part #	Net Contents	Container Type	Units/Case	NSF® #
70114	14.1 wt oz/400 g	Cartridge	30	166103
70155	55 gal/400 lbs	Drum	1	

FOOD GRADE Extreme Temp Grease

- Premium, fully synthetic grease performs well in extreme temperature applications (-75°F to 510°F)
- NLGI #2 grease effectively lubricates bearing
- Non-melting formula is suitable for extended high temperature exposures
- Dye-free grease will not stain product or equipment
- Fortified with PTFE for enhanced lubrication and corrosion resistance
- Resists water washout through multiple wash cycles

Part #	Net Contents	Container Type	Units/Case	NSF® #
51014	13 wt oz/369 g	Cartridge	30	166266
51055	55 gal/400 lbs	Drum	1	



FOOD GRADE Low-Temp Grease

- Engineered to perform in low temperature range applications such as coolers and freezers (-40°F to 395°F)
- NLGI #2 grease effectively lubricates bearing
- Multi-purpose, long lasting formula provides exceptional lubrication and corrosion protection for bearings, slides, and other moving metal parts
- Superior load and wear properties extend preventative maintenance cycles

Part #	Net Contents	Container Type	Units/Case	NSF® #
54214	14.1 wt oz/400 g	Cartridge	30	166259



NSF **H1 3H**

FOOD GRADE 3H Grease

- Extreme-pressure formulation lessens stress on gears and bearings, reducing accelerated wear in high load conditions
- NLGI #2 grease effectively lubricates bearing
- Long lasting release agent/lubricant extends maintenance cycles, reducing downtime
- Does not contain animal derivatives, nut oils, or genetically modified ingredients

Part #	Net Contents	Container Type	Units/Case	NSF® #
54014	13 wt oz/370 g	Cartridge	30	166424



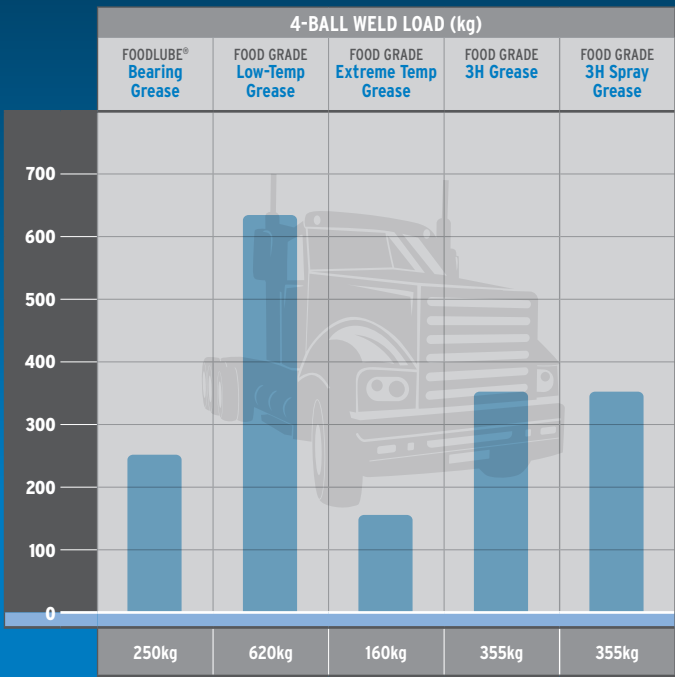
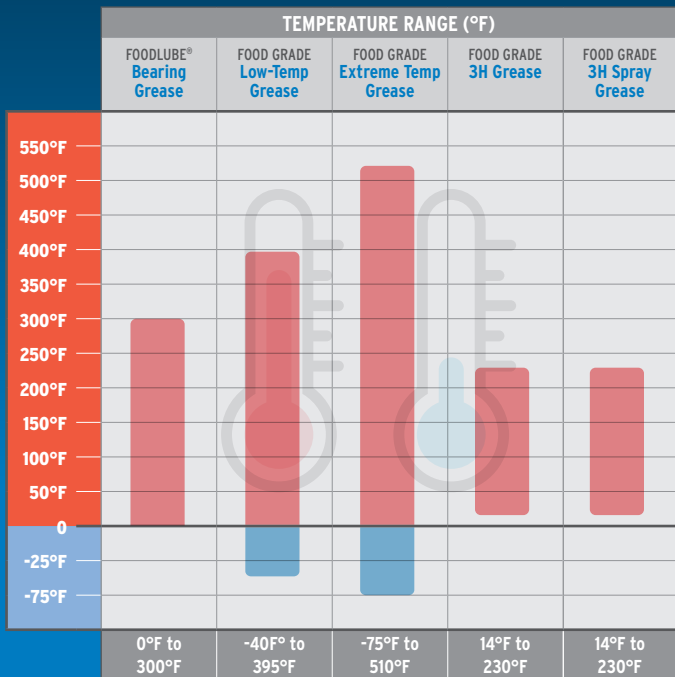
FOOD GRADE 3H Spray Grease

- Engineered to lubricate and protect seals, grinder plates, mixers, and slicers where food contact cannot be avoided
- Extreme-pressure formulation lessens stress on gears and sliding mechanisms, reducing accelerated wear in high load conditions
- Long lasting release agent/lubricant extends maintenance cycles, reducing downtime
- Does not contain animal derivatives, nut oils, or genetically modified ingredients

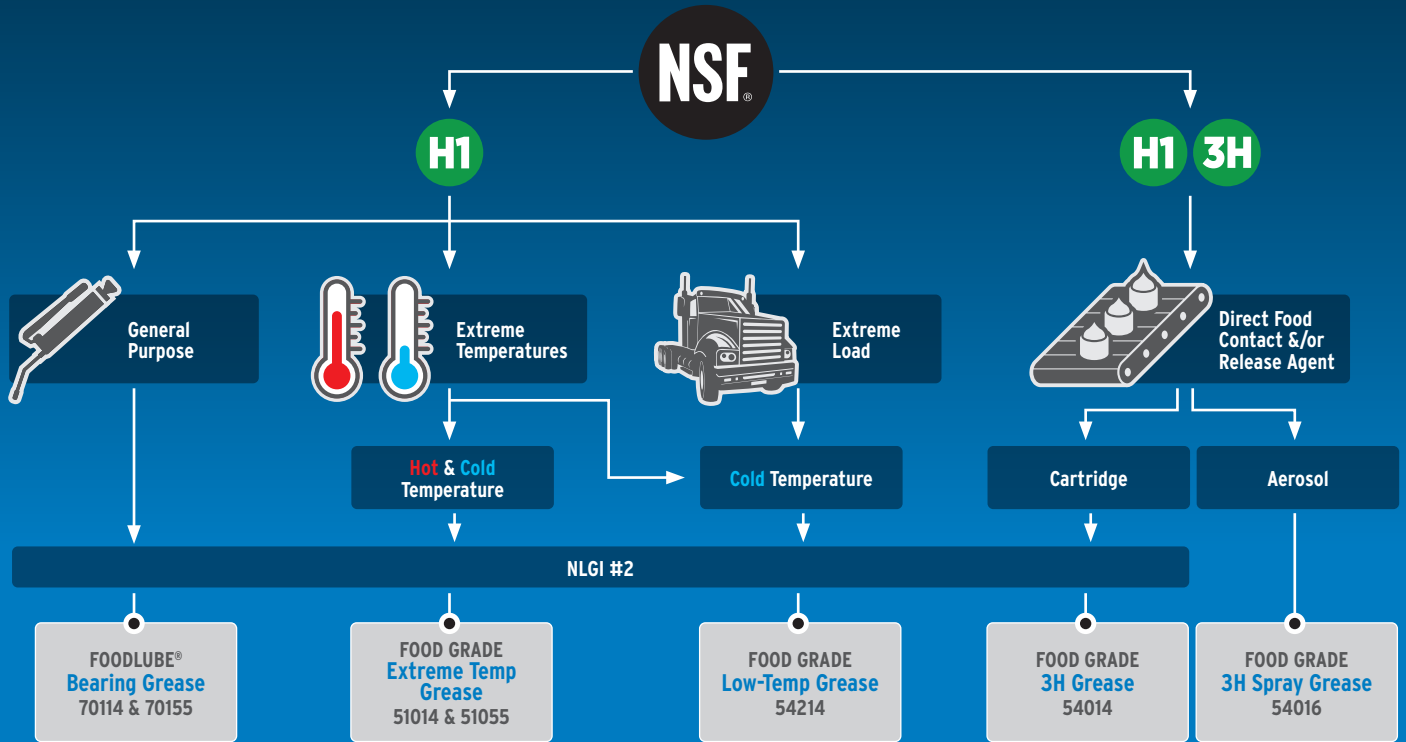
Part #	Net Contents	Container Type	Units/Case	NSF® #
54016	9 wt oz/256 g	Aerosol	12	166425



TECHNICAL GREASE PROPERTIES



GREASE SELECTION GUIDE



ELECTRONIC CLEANER

NSF K6



FOOD GRADE Electronic Cleaner

- Removes dirt, moisture, and oxides from electronic equipment
- Plastic safe formula can be used on a variety of surfaces
- Fast drying and residue-free for efficient maintenance cycles
- VOC compliant in all 50 states

Part #	Net Contents	Container Type	Units/Case	NSF® #
58116	11 wt oz/312 g	Aerosol	12	154685



SPECIALTY

NSF H1

Belt Dressing

- Prevents belt slippage and squeaks on all belt types
- Withstands frequent washdowns, extending maintenance cycles and reducing downtime
- Contains no chlorinated solvents that deteriorate drive belts
- May be used indoors or in wet/outdoor conditions



Part #	Net Contents	Container Type	Units/Case	NSF® #
02216	10 wt oz/284 g	Aerosol	12	134508

FOOD GRADE Anti-Seize

- Protects pipe threads, bolts, nuts, and other metal parts against seizure, heat-freeze, galling, rust, and corrosion
- Lowers friction and reduces wrench torque limiting wear to tools, and time needed to separate parts
- Performs well in extreme temperature applications: -65°F (-54°C) to 1800°F (982°C)
- Contains no metals; compatible for use on steel, aluminum, nickel, and more
- Non-staining and odorless formula will not transfer to food, equipment, or packaging material
- Resists water washout through multiple wash cycles

Part #	Net Contents	Container Type	Units/Case	NSF® #
06508	1/2 lb/227 g	Container	12	166055
06510	1 lb/454 g	Container	12	



Metal Detectable Scouring Pad

- Highly visible, metal detectable pad reduces the risk of expensive recalls due to foreign matter contamination
- Tough, non-scratching fibers are safe to use on any metal surface
- Durable, long-lasting scrub pad lasts through many cleanings



Metal detectable only

Part #	Units/Case	Container Type	Pad Size
59660	Case of 60 Pads	Scour Pad	5.9 x 8.9 in

DETEX® Empty Trigger Bottle

- Metal and x-ray detectable packaging
- Adjustable spray stream to ensure proper application
- Durable, chemical resistant bottle
- Ergonomic, 3-finger trigger to reduce finger fatigue
- Reduces potential food product contamination and assists with HACCP requirements

Part #	Container Size	Container Type	Units/Case
57928	28 fl oz	Trigger	12



SIMPLIFICATION

COST SAVINGS



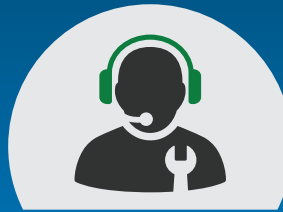
LPS® DETEX® high-performance products are engineered to lower costs by extending equipment life, reducing repair time, and lowering frequency of preventative maintenance.

TRAINING



Our technically trained regional sales managers consult customers and offer product, safety, and application training.

TECHNICAL SUPPORT



The LPS® DETEX® team of senior engineers and chemists are available to travel on-site for customer support.

RISK MITIGATION






Manage risk and incorporate
LPS® DETEX® food safe solutions
into your HACCP plans.

POSTERS & TRAINING

RESOURCES TO ENSURE PROPER USE OF LPS® DETEX® PRODUCTS AROUND YOUR FACILITY



PRODUCT SELECTOR

					 CATEGORY CODE			 EARTHKOSHER	 AMERICAN HALAL FOUNDATION		
Category	Product	Part #	Container Type	NSF®#	H1	K6	3H			Integrated Straw Actuator	50 State VOC Compliant?
LUBRICANTS/ PENETRANTS	FOOD GRADE Silicone Lubricant	01716	Aerosol	113815	■	-	-	■	■	■	No
	HEAVY DUTY Silicone Lubricant	51516	Aerosol	059820	■	-	-	■	■	■	Yes
	FOODLUBE® Synthetic Chain Spray	57616	Aerosol	147490	■	-	-	■	■	■	Yes
	FOODLUBE® Penetrating Oil	57316	Aerosol	147493	■	-	-	■	■	■	Yes
	FOODLUBE® Sugar Dissolving Fluid	57716	Aerosol	147495	■	-	-	■	■	-	Yes
		57728	Trigger	147492	■	-	-	■	■	-	Yes
		57701	Bottle		■	-	-	■	■	-	Yes
	FOOD GRADE Machine Oil	01316	Aerosol	129000	■	-	-	■	■	-	Yes
	FOOD GRADE Moisture Displacing Spray	53016	Aerosol	166355	■	-	-	■	■	-	Yes
	FOOD GRADE Chain Lubricant	06016	Aerosol	132899	■	-	-	■	■	-	Yes
GREASES	FOOD GRADE Extreme Temp Grease	51014	Cartridge	166266	■	-	-	■	■	-	Not Available
		51055	Drum		■	-	-	■	■	-	
	FOOD GRADE Low-Temp Grease	54214	Cartridge	166259	■	-	-	■	■	-	
	FOODLUBE® Bearing Grease	70114	Cartridge	166103	■	-	-	■	■	-	
		70155	Drum		■	-	-	■	■	-	
	FOOD GRADE 3H Grease	54014	Cartridge	166424	■	-	■	■	■	-	
	FOOD GRADE 3H Spray Grease	54016	Aerosol	166425	■	-	■	■	■	-	No
ELECTRONIC CLEANER	FOOD GRADE Electronic Cleaner	58116	Aerosol	154685	-	■	-	■	■	■	Yes
SPECIALTY	Belt Dressing	02216	Aerosol	134508	■	-	-	■	■	-	Yes
	FOOD GRADE Anit-Seize	06508 06510	Container	166055	■	-	-	■	■	-	Yes
	Metal Detectable Scouring Pad*	59660	Scour Pad	-	-	-	-	■	■	-	Not Available
	DETEX® Empty Trigger Bottle	57928	Trigger	-	-	-	-	■	■	-	

*Metal detectable only



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