



LPS® DETEX® Food Grade 3H Grease



FEATURES

- NSF 3H/H1 release agent and lubricant can be used on hard surfaces in direct contact with food products to prevent food from adhering during processing
- Extreme-pressure formulation lessens stress on gears and bearings, 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
- Metal and X-ray detectable plastic cap

APPLICATIONS

- Bearings
- Chains
- Channels
- Conveyors
- Filling Equipment
- Food Racks
- Gears
- Open Drives
- Food Service Carts
- Cutting blades
- Mixing and blending equipment
- Food extruders

SPECIFICATIONS AND APPROVALS

- NSF International, 3H/H1
- Halal Product Certified #HP-6516-CH
- Kosher Certified

AVAILABLE PRODUCTS

Part No.	Net Contents	Container Type	Units/Case	Case Weight
54014	13 wt oz/370g/439 mL	Cartridge	30	32 lbs

METAL DETECTION DETAILS

1. Detection limits for a particular machine depend on a variety of factors including line speed, contaminant placement and orientation, iron fortification (i.e.; flour), wet mode vs. dry mode, fragment size, aperture size, etc. It is the responsibility of the end- user to determine the detection limits of the appropriate DETEX® component for the individual line set up and for the particular food product being inspected.
2. Metal and X-ray detection limits for plastic components (above) are based on whole components. Partial plastic and scouring pad components may not be detectable due to detector limitations, partial component size, malfunctioning equipment and/or the type of food product undergoing processing. Scouring pad not X-ray detectable.
3. ITW Pro Brands recommends that all components be tested prior to implementation (separately and included in the processed food product) and/or consult your specific metal detector equipment manufacturer directly.
4. Product shelf life, warranty, and material safety data sheets are available at www.itwprobrands.com. ITW Pro Brands is not responsible for use of this product inconsistent with its instructions and warnings.
5. ITW Pro Brands is not responsible for failure to detect components due to detector limitations and/or detector malfunctions. Refer to the metal detector manufacturer's design limitations, instructions, and warnings regarding the use, limitations, and proper maintenance of the equipment.

PROPERTIES

Appearance / Physical State	Solid.
Color	White
Odor	None.
Melting / Freezing Point	Not available.
Boiling Point / Range	>392°F (>200°C)
Flash Point	Not available.
Specific Gravity	<0.9
Water Solubility	Not available.
Auto-Ignition Temperature	>392°F (>200°C)
VOC Content	0 g/L
NLGI Grade	2
Temperature Range	14°F to 230°F (-10°C to 110°C)
Viscosity	100 cSt @ 40°C (base oil)
Thickener Type	Non-soap
4-Ball Weld Load	355 kg
Copper Corrosion	1B

DIRECTIONS

For use in areas where incidental food contact may occur or in applications where clean, non-toxic lubricants are preferred. Apply either manually or with a suitable applicator, such as a grease gun. For best results, bearings should be purged of their previous lubricant before introducing a new grease. LPS® DETEX® Food Grade 3H Grease should not be mixed with any other lubricant as cross contamination may void the 3H registration. All traces of previous lubricants should be removed prior to application.

HANDLING

Observe good industrial hygiene practices. Wash hands after handling.

STORAGE

Store away from incompatible materials.

DISPOSAL

Dispose of waste and residues in accordance with local authority requirements.



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