

Ultra-Kleen™ 540 FOOD GRADE GREASE

 Lubricants for a Healthier Planet™

Ultra-Kleen™ 540 Food Grade Grease is a synthetic corrosion control grease that protects lubricated surfaces against wear and corrosion under the most severe conditions.

All ingredients in **Ultra-Kleen 540 Food Grade Grease** are listed substances generally recognized as safe (GRAS) or substances used in accordance with the provisions of a prior sanction or approval permitted under the rules of the U.S. Food and Drug Administration 21 CFR 178.3570 for lubricants with incidental food contact.



NSF Nonfood Compounds H1 Registered: See Product Attribute Table

ISO 21469 Certification: See Product Attribute Table

Kosher and Pareve Certified

TYPICAL APPLICATIONS INCLUDE:

Anti-friction Bearings	Automatic Lubricators	Plain Bearings	Sliding Surfaces
Pins and Bushings	Couplings	Small Open Gears	Electric Motor Bearings
Mixers	Sifters	Conveyors	Pumps
Blenders	Filling Machines	Fan Bearings	Conveyors
Packaging Machinery	Slicers	Wrappers	Bottle Washers

PRODUCT ATTRIBUTE	TEST METHOD	TYPICAL PROPERTIES	
Color		Off-white	White
Thickener Type		Complex Calcium Sulfonate	
NLGI Grade	ASTM D217	2	1
NSF NFC Registration Number		136674	153613
ISO 21469 Certified		pending	Y
Worked Penetration, 1/10th mm	ASTM D217	285	330
Mechanical Stability, % change 100,000 strokes	ASTM D217	<3.5	6.0
Dropping Point °F (°C)	ASTM D2265	572 (300)	550 (288)
Kinematic Viscosity, cSt @ 40°C	ASTM D445	220	220
Kinematic Viscosity, cSt @ 100°C	ASTM D445	25.5	19.2
Copper Corrosion, 24hr @ 100°C	ASTM D4048	1b	1b
Rust Test	ASTM D1743	Pass	Pass
Salt Fog Corrosion, hrs to failure, 1 mil	ASTM B117	> 500	> 300
Water Wash-Out, % Loss @175 °F	ASTM D1264	1.0	2.0
Oxidation Resistance, psi drop 100 hrs	ASTM D942	<1	9.0
4-Ball EP, Weld Point, kgf	ASTM D2596	620	620
4-Ball EP, Load Wear Index	ASTM D2596	80	--
4-Ball Wear, scar diameter, mm	ASTM D2266	0.55	0.6
Lincoln Ventmeter Test, psi @ 72°F	OEM Method	TBD	200
Lincoln Ventmeter Test, psi @ 30°F	OEM Method	TBD	250
Lincoln Ventmeter Test, psi @ 0°F	OEM Method	TBD	400
Tackiness Index, Work/Elongation	Hydrotex	20/9	6/3

Ultra-Kleen 540 Food Grade Grease does NOT contain any ingredient with the following allergenic, sensitizing components or allergenic proteins or substances listed in the table below:

Animal Products including Enzymes, Fats or Proteins	Genetically Modified Organisms (GMO)
Eggs	Fish
Peanuts	Soybeans and Products Thereof
Sulfites	Dairy/derivatives
Wheat	Tree Nuts
Gluten (wheat, rye, barley, oats, spelt, kamut)	Shellfish/Crustaceans/Mollusks
Sesame and Products Thereof	Lupine
Mustard and Products Thereof	Celery
Carmines/Cochineal	BHA, butylated hydroxyanisole
MSG, monosodium glutamate	BHT, butylated hydroxytoluene
TBHQ, tertiary butylhydroquinone	Hydrolyzed Vegetable Protein (HVP)
Autolyzed Yeast	Artificial Flavors
FD&C Color	Saccharin
Sesame	

WARRANTY:

When properly stored and used in accordance with instructions, any material not satisfactory will be replaced with any product in our line on a dollar for dollar basis provided the account is paid in full when due and Hydrotex is notified in writing within 12 months of the date of the order by the customer.

Hydrotex® is a manufacturer and distributor of high performance lubricant and fuel improver solutions. As an employee owned company, we help our customers develop sustainable solutions designed to improve system reliability, save energy, limit pollution, extend fixed asset life, reduce maintenance costs and improve fuel efficiency. Our products and services leverage over 80 years of innovation resulting in superior lubrication solutions and high touch customer service.