



# PRODUCT DATA SHEET



## NO-TOX<sup>®</sup> FOOD GRADE ACID RESISTANT GREASE

**No-Tox Food Grade Acid Resistant Grease**, commonly known as No-Tox pH L Grease, is a mineral oil based, calcium sulfonate complex grease. **No-Tox Food Grade Acid Resistant Grease** is NSF H1 registered for use in applications where incidental food contact may occur. The natural Extreme Pressure, high dropping point, water resistance and rust preventive properties of the calcium sulfonate complex thickener grease make **No-Tox Food Grade Acid Resistant Grease** an excellent candidate for a wide range of applications. **No-Tox Food Grade Acid Resistant Grease** excels in low pH, or mildly acidic, environments that are often encountered in food and beverage plants. **No-Tox Food Grade Acid Resistant Grease** is made exclusively from ingredients approved by the FDA for use in the "clean" industries such as food, beverage, pharmaceutical and personal care products.

### *Applications*

- ◆ General purpose grease for food and beverage plants
- ◆ Mildly acidic or very wet environments
- ◆ Plain, roller, needle and anti-friction bearings
- ◆ Bushings, cams, ways, sliding surfaces and pivot points

### *Features and Benefits*

- |   |   |
|---|---|
| ◆ NSF H1 registered                         | Use where incidental food contact may occur.  |
| ◆ Bacteriological protection                | Effectively inhibits the growth of certain bacteria, yeast and mold in the lubricant.       |
| ◆ Compliances                               | Kosher and Pareve approved. Halal certified.  |
| ◆ Excellent rust protection                 | Use where mildly acidic conditions may be present.  |
| ◆ Extreme Pressure and anti-wear properties | Maximizes component life helping to reduce replacement part costs and lost production time. |
| ◆ Wide applicable temperatures              | From -40 to 177°C (-40 to 350°F).   |

### *General Description*

**No-Tox Food Grade Acid Resistant Grease** is mineral oil based calcium sulfonate complex grease for the food and beverage industries. **No-Tox Food Grade Acid Resistant Grease** excels in mildly acidic and very wet conditions. **No-Tox Food Grade Acid Resistant Grease**, formulated with the highest quality USP white mineral oils and food grade additives, meets NSF H1 and FDA requirements for materials that may have incidental contact with food as defined under Title 21 CFR, 178.3570. It is Kosher and Pareve approved, as well as Halal certified.

### *Product No. 64093, 64094*

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*With continual research and development, Bel-Ray Company, Inc. reserves the right to change the information contained herein. The Company is not responsible for misuse or misapplication of its products.*

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**NO-TOX<sup>®</sup> FOOD GRADE ACID RESISTANT GREASE**  
TYPICAL PROPERTIES

<u><b>Product No.</b></u>	<u><b>64093</b></u>	<u><b>64094</b></u>
NLGI Grade	1	2
Penetration, worked (60 strokes), ASTM D217 mm/10	325	280
Thickener Type	Calcium Sulfonate Complex	Calcium Sulfonate Complex
Viscosity (Base Fluid), ASTM D445 @ 40°C, cSt	216	245
@ 100°C, cSt	21.5	24.4
Dropping Point, ASTM D2265 °C	>260	>260
(°F)	(>500)	(>500)
Copper Strip Corrosion, ASTM D4048 24 hrs @ 100°C, rating	1b	1b
Water Washout, ASTM D1264 @ 79°C (175°F), loss, weight %	2.0	1.2
4-Ball EP Test, ASTM D2596 Weld Load, kg	500	500
4-Ball Wear Test, ASTM D2266 @ 1200 rpm, 40 kg, 1 hr, 75°C Scar Diameter, mm	0.50	0.50
Rust Protection, ASTM D1743, rating	Pass	Pass
Useful Temperature Range °C	-40 to 177	-35 to 177
(°F)	(-40 to 350)	(-31 to 350)
Texture	Smooth	Smooth
Color	Cream	Cream