

## No-Tox<sup>®</sup> Food Grade Low Temperature Grease

### PRODUCT DESCRIPTION

Bel-Ray<sup>®</sup> No-Tox<sup>®</sup> Food Grade Low Temperature Grease is a synthetic based, aluminum complex grease with exceptional low temperature properties. No-Tox Food Grade Low Temperature Grease is an excellent lubricant for use in freezers, chillers, and coolers at extremely low temperatures. It has exceptional anti-wear properties which make it ideal for bearings operating in freezers and chillers found in the “clean” industries such as food, beverage, pharmaceutical and personal care products.

No-Tox Food Grade Low Temperature Grease is NSF H1 registered, and its components meet 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, Halal certified, and ISO 21469 certified.



Nonfood Compounds  
H1 Registered,  
ISO 21469 Certified

### PRODUCT FEATURES and BENEFITS

- NSF H1 registered for use where incidental food contact may occur.
- ISO 21469 certified
- Kosher and Pareve approved
- Halal certified
- Bacteriological protection effectively inhibits the growth of certain bacteria, yeast, and mold in the lubricant.
- Outstanding anti-wear properties maximize component life, helping to reduce replacement part costs and lost production time.
- Fully Synthetic base fluid
- Excellent low temperature mobility

### APPLICATIONS

- Pain and anti-friction bearings
- Freezer, chiller and cold box applications, freeze-drying operations down to -68°C (-90°F)
- Suitable for operating temperatures up to 177°C (350°F)
- Pharmaceutical and beverage industries
- High speed bearings

**DISTRIBUTED BY:**  
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## PRODUCT DATA

Typical Properties		
Property	Test Method	NLGI Grade 1
Thickener Type		Aluminum Complex
Worked Penetration @ 25°C, 60 strokes (0.1 mm)	ASTM D217	325
Base Fluid Viscosity @ 40°C (cSt)	ASTM D445	31
Base Fluid Viscosity @ 100°C (cSt)	ASTM D445	5.9
Dropping Point, °C (°F)	ASTM D2265	260 (500)
Low Temperature Performance, @ -68°C (-90°F)		
Starting Torque (g·cm)	ASTM D1478	8008
Torque after 1 hour (g·cm)		891
4-Ball EP Test, Weld Load (kgf)	ASTM D2596	200
Lubricating Solids Type		PTFE & ZnO
Useful Temperature Range, °C (°F)		-68 to 177 (-90 to 350)
Color		White

## HEALTH and SAFETY

Health and safety recommendations for products can be found on the Safety Data Sheet (SDS) at [www.belray.com](http://www.belray.com)

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