



## No-Tox<sup>®</sup> Food Grade Synthetic Extreme Pressure Grease

### PRODUCT DESCRIPTION

Bel-Ray<sup>®</sup> No-Tox<sup>®</sup> Food Grade Synthetic Extreme Pressure Grease is a synthetic based, aluminum complex. No-Tox Food Grade Synthetic Extreme Pressure Grease is fortified with low friction lubricating solids, extreme pressure and anti-wear additives, and special polymers that provide the grease with tackiness and exceptional resistance to water washout.

No-Tox Food Grade Synthetic Extreme Pressure Grease is engineered for use when industry demands are beyond the capability of white mineral oil-based greases. It contains an extreme pressure additive system along with excellent oxidation and corrosion inhibitors. No-Tox Food Grade Synthetic Extreme Pressure Grease 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, Halal certified, and ISO 21469 certified.



Nonfood Compounds  
H1 Registered,  
ISO 21469 Certified

### PRODUCT FEATURES and BENEFITS

- NSF H1 registered and ISO 21469 certified
- Kosher and Pareve approved
- Halal certified
- Bacteriological protection effectively inhibits the growth of certain bacteria, yeast, and mold in the lubricant.
- Excellent water-resistant properties protect machine components subjected to high moisture operating conditions and wash-down procedures
- Enhanced extreme pressure and anti-wear properties maximizes component life helping to reduce replacement part costs and lost production time.

### APPLICATIONS

Bel-Ray No-Tox Food Grade Synthetic Extreme Pressure grease is recommended for use on most heavy-duty and extreme pressure grease applications in food and beverage plants where extreme pressure performance is required. This includes bearings (plain, roller, needle and anti-friction), bushings, cams, ways, sliding surfaces, and pivot points.

**DISTRIBUTED BY:**  
Calumet Branded Products, LLC  
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## PRODUCT DATA

Typical Properties			
Property	Test Method	NLGI Grade 1	NLGI Grade 2
Thickener Type		Aluminum Complex	Aluminum Complex
Texture		Tacky	Tacky
Worked Penetration @ 25°C, 60 strokes (0.1 mm)	ASTM D217	325	280
Density @ 15°C (g/mL)	ASTM D4052	0.860	0.862
Base Fluid Viscosity @ 40°C (cSt)	ASTM D445	220	220
Base Fluid Viscosity @ 100°C (cSt)	ASTM D445	23.4	23.4
Base Fluid Viscosity Index	ASTM D2270	132	132
Dropping Point, °C (°F)	ASTM D2265	232 (450)	260 (500)
Water Washout @79°C (175°F), % loss	ASTM D1264	7.92	2.5
Copper Corrosion, 3 h @ 100°C (Rating)	ASTM D4048	1b	1b
4-Ball EP Test, Weld Load (kgf)	ASTM D2596	500	500
4-Ball Wear Test, @ 1200 rpm, 40 kgf, 60 min, 75°C Scar Diameter (mm)	ASTM D2266	0.35	0.35
Corrosion Preventive Properties	ASTM D1743	Pass	Pass
Useful Temperature Range, °C (°F)		-40 to 204 (-40 to 400)	-35 to 204 (-31 to 400)
Color		White	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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