



# PRODUCT DATA SHEET



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## NO-TOX<sup>®</sup> FOOD GRADE SYNTHETIC HEAVY DUTY GREASE

**No-Tox Food Grade Synthetic Heavy Duty Grease**, commonly known as No-Tox Synthetic HD Grease, is a synthetic based, organo-clay grease and is NSF H1 registered for use where incidental food contact may occur. **No-Tox Food Grade Synthetic Heavy Duty Grease** is a general purpose grease with excellent resistance to water washout. Its organo-clay thickener provides longer service at elevated temperatures than conventional greases. **No-Tox Food Grade Synthetic Heavy Duty Grease** is formulated for use in “clean” industries such as food, beverage, pharmaceutical, personal care products and other industries with equipment that have high moisture exposure subjected to Extreme Pressure and water washes.

### *Applications*

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- ◆ Anti-friction bearings
- ◆ Roller and needle bearings
- ◆ Bushings, cams, ways, sliding surfaces and pivot points

### *Features and Benefits*

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|------------------------------|-------------------------------------------------------------------------------------------------------|
| ◆ NSF H1 registered          | Use where incidental food contact may occur.                                                          |
| ◆ Compliances                | Kosher and Pareve approved. Halal certified.                                                          |
| ◆ Bacteriological protection | Effectively inhibits the growth of certain bacteria, yeast and mold in the lubricant.                 |
| ◆ Fully synthetic            | Long life, extended lube intervals, low temperature pumpability.                                      |
| ◆ Extremely waterproof       | Protects machine components subjected to high moisture operating conditions and wash-down procedures. |
| ◆ Wide temperature range     | Useful temperature range -40°C to 204°C (-40°F to 400°F).                                             |

### *General Description*

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**No-Tox Food Grade Synthetic Heavy Duty Grease** is engineered for use when industry demands are beyond the capability of mineral oil based products. It contains an anti-wear additive system along with excellent oxidation and corrosion inhibitors. **No-Tox Food Grade Synthetic Heavy Duty Grease**, formulated with the highest quality ingredients, 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. 300882*

# NO-TOX<sup>®</sup> FOOD GRADE SYNTHETIC HEAVY DUTY GREASE

## TYPICAL PROPERTIES

<b><u>Product No.</u></b>	<b><u>300882</u></b>
<b><u>Old Product No.</u></b>	<b><u>63370</u></b>
NLGI Grade	2
Penetration, worked (60 strokes), ASTM D217 mm/10	280
Thickener Type	Organo-clay
Viscosity (Base Fluid), ASTM D445	
@ 40°C, cSt	425
@ 100°C, cSt	43.0
@ 200°C, cSt	6.65
Viscosity Index (Base Fluid), ASTM D2270	155
Dropping Point, ASTM D2265	
°C	>260
(°F)	(>500)
Copper Strip Corrosion, ASTM D4048 24 hrs @ 100°C, rating	1b
Water Washout, ASTM D1264 @ 79°C (175°F), loss, weight %	1.0
4-Ball EP Test, ASTM D2596 Weld Load, kg	200
Rust Protection, ASTM D1743, rating	Pass
Density, ASTM D1475 @ 16°C (60°F), lb/gal	7.70
Texture	Smooth
Color	Beige